

FIELD MAINTENANCE PRINT SET

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[illegible]

Digital Equipment Corporation
PRINT SET ORDER NO.
MP00333

DRB 124

DRAWING DIRECTORY

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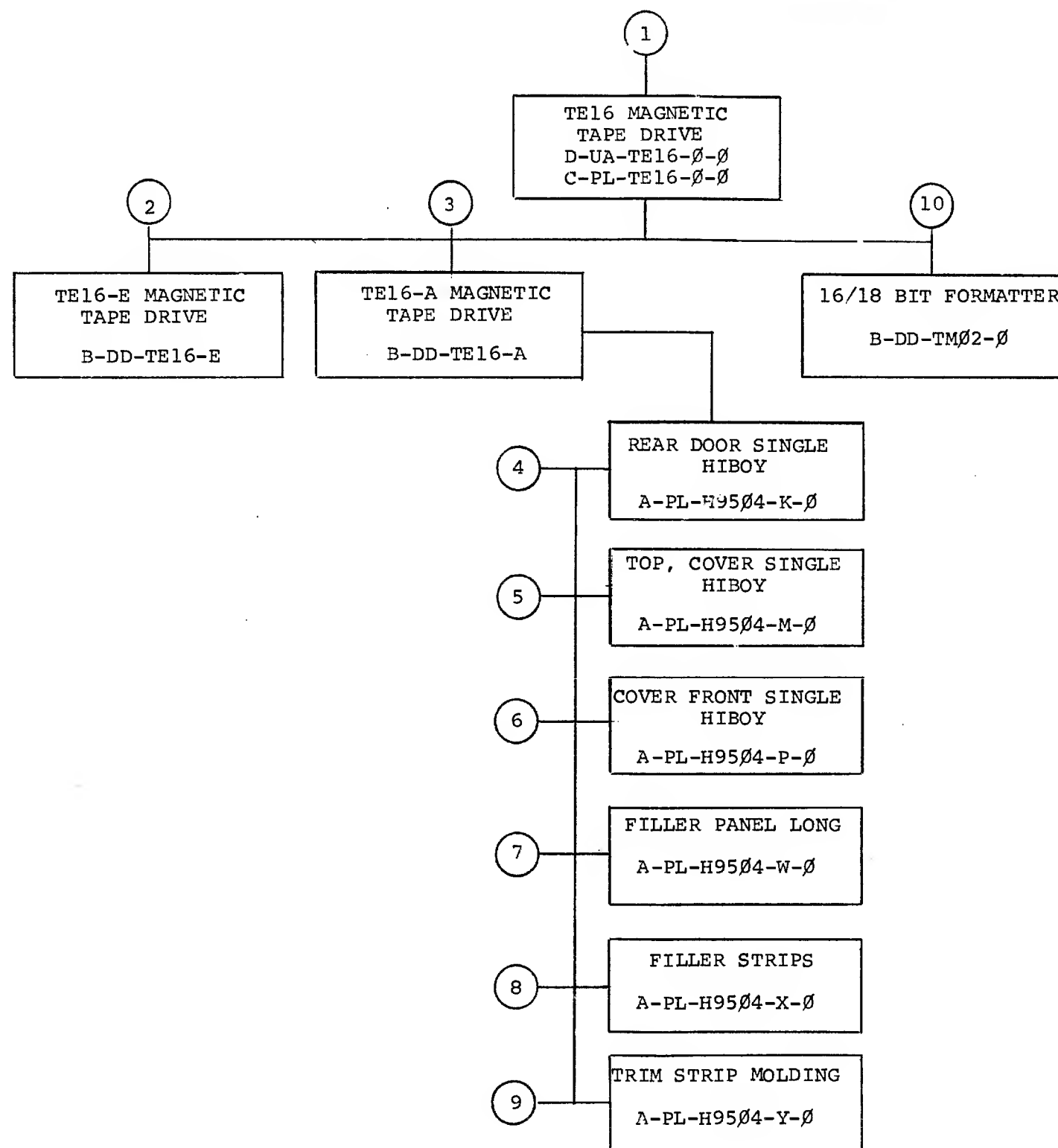
FOR FIELD MAINTENANCE PRINT SET REFER TO MP00333

UNIT VARIATIONS

[illegible]

REVISIONS			USED ON OPTION/MODEL		DRN.	DATE	TITLE				digital			
CHK	CHANGE NO.	REV.	TE16		W.M.	12/Feb/77	MAGNETIC TAPE DRIVE							
CB	ML006	A			CHK'D	DATE	(TE16-Ø)							
					W.M.	12/Feb/77								
					PROJ. ENG.	DATE	SIZE	CODE	NUMBER				REV	
					Henry Hunt	17 Feb 77	B	DD	TE16-Ø				A	
					PROD.	DATE	DIST.							
					Roger Gozven by Henry Hunt	17 Feb 77								
			SHEET 1 OF 3											

DRB 106A



TITLE

TE16 MAGNETIC TAPE DRIVE

SHEET 2 OF 3

SIZE CODE

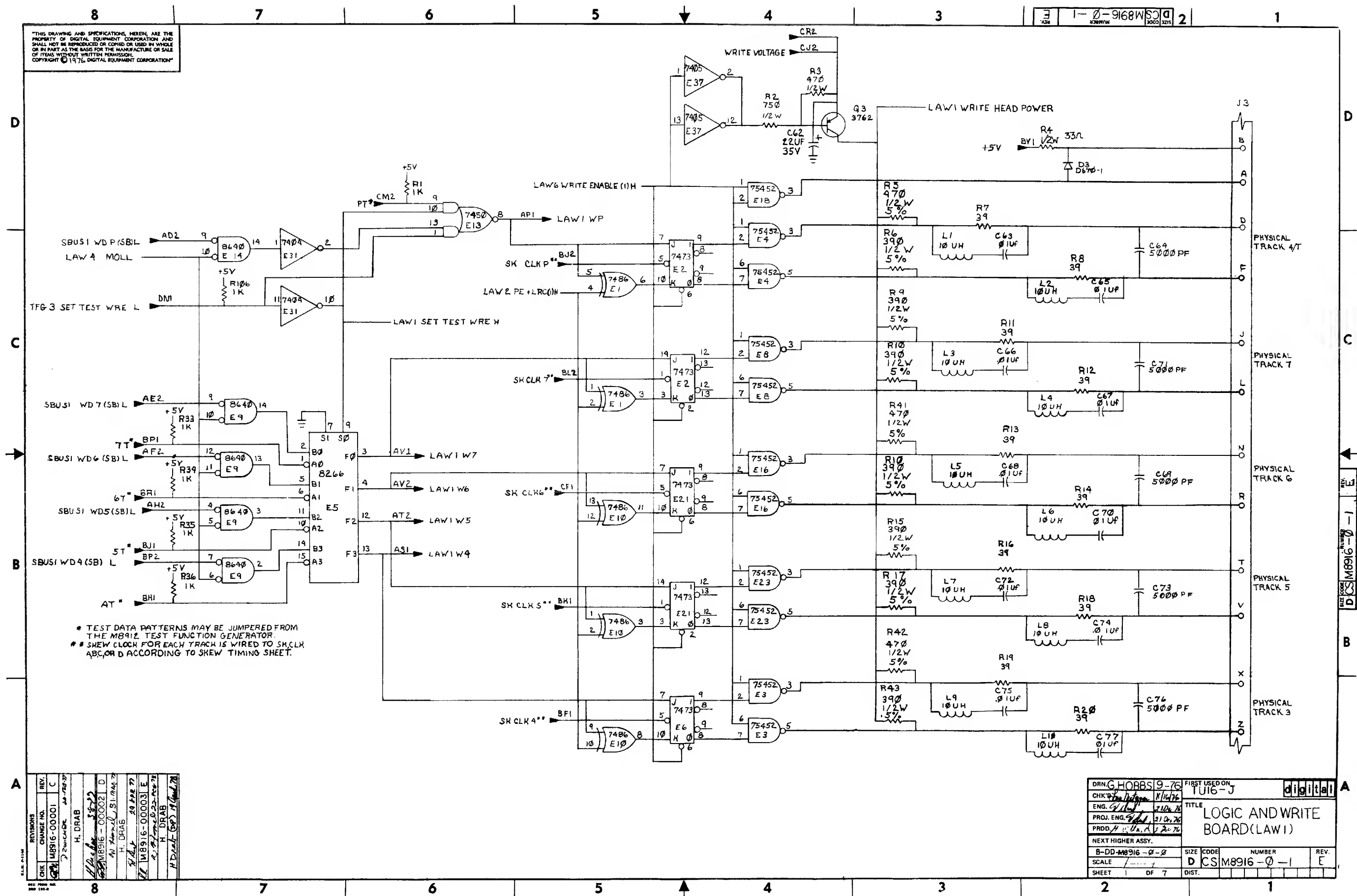
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NUMBER

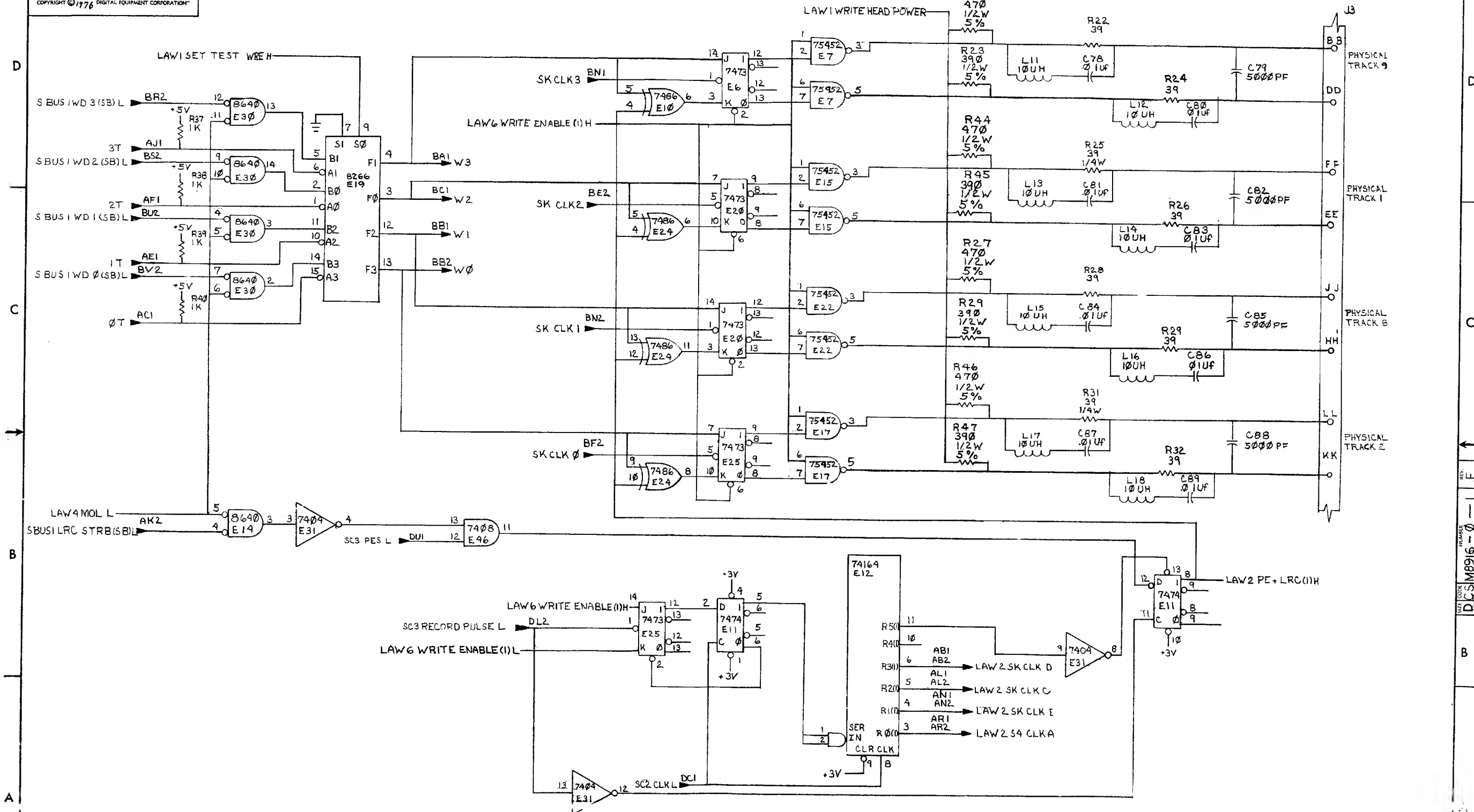
TE16-Ø

REV

A

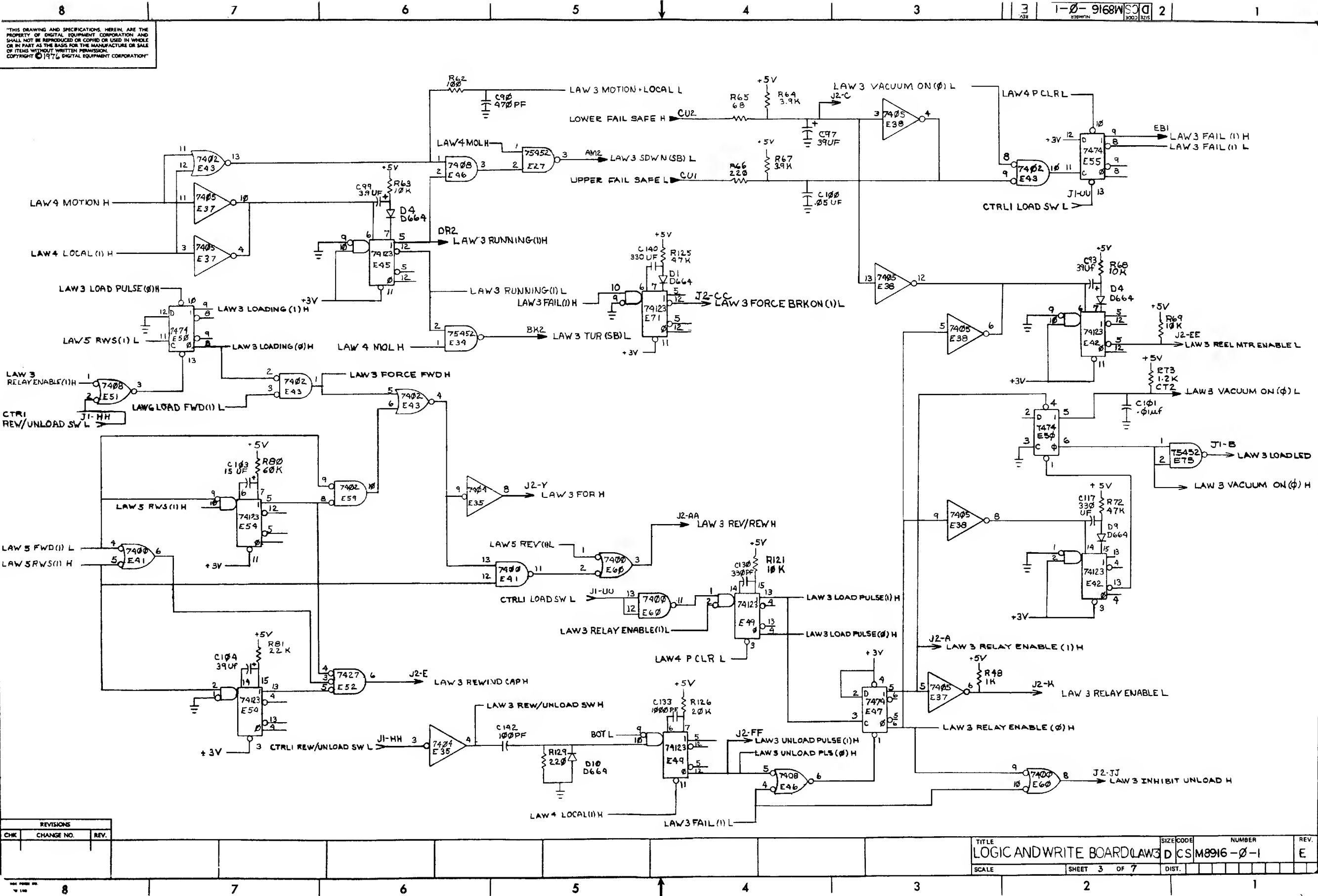


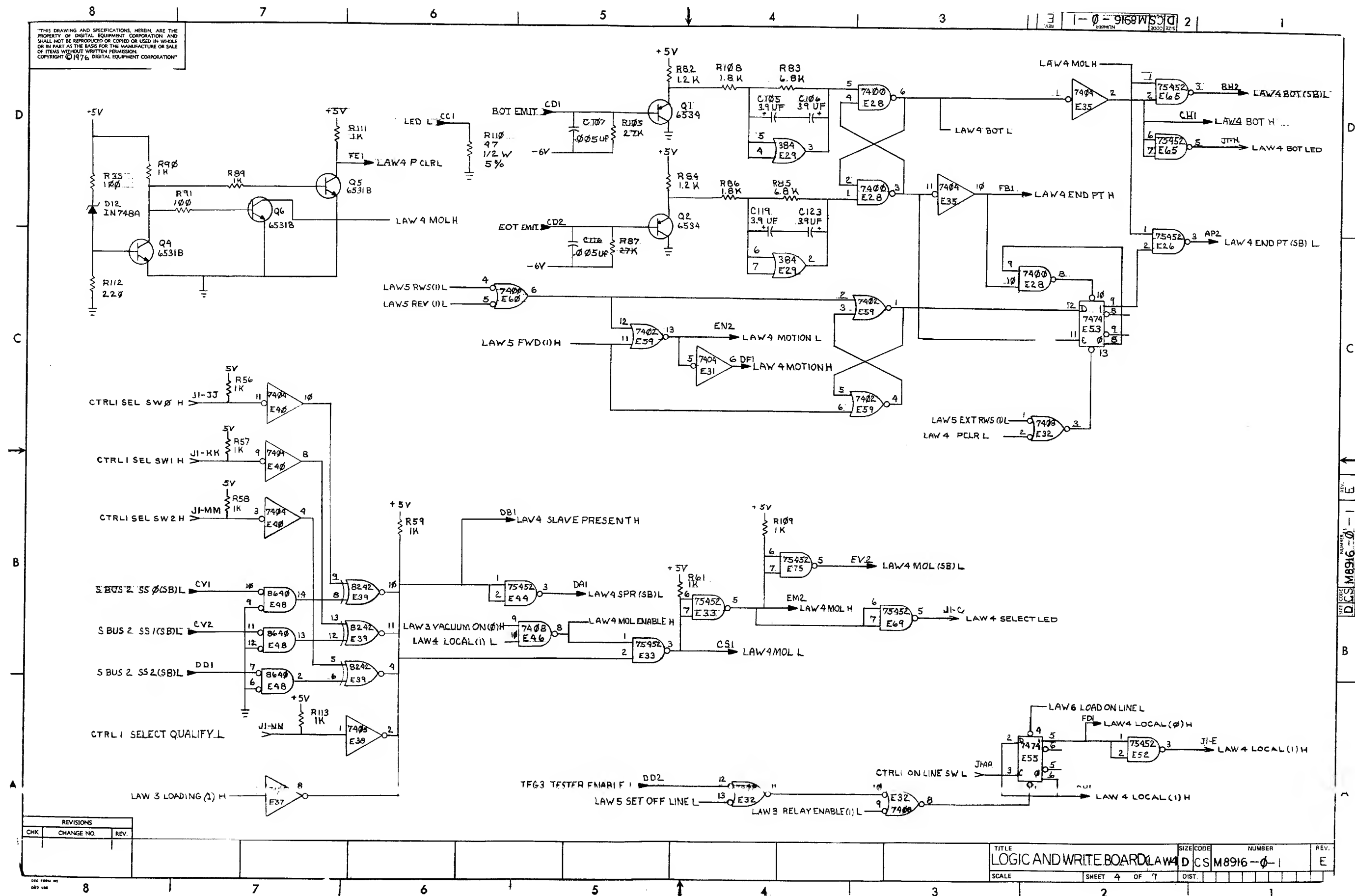
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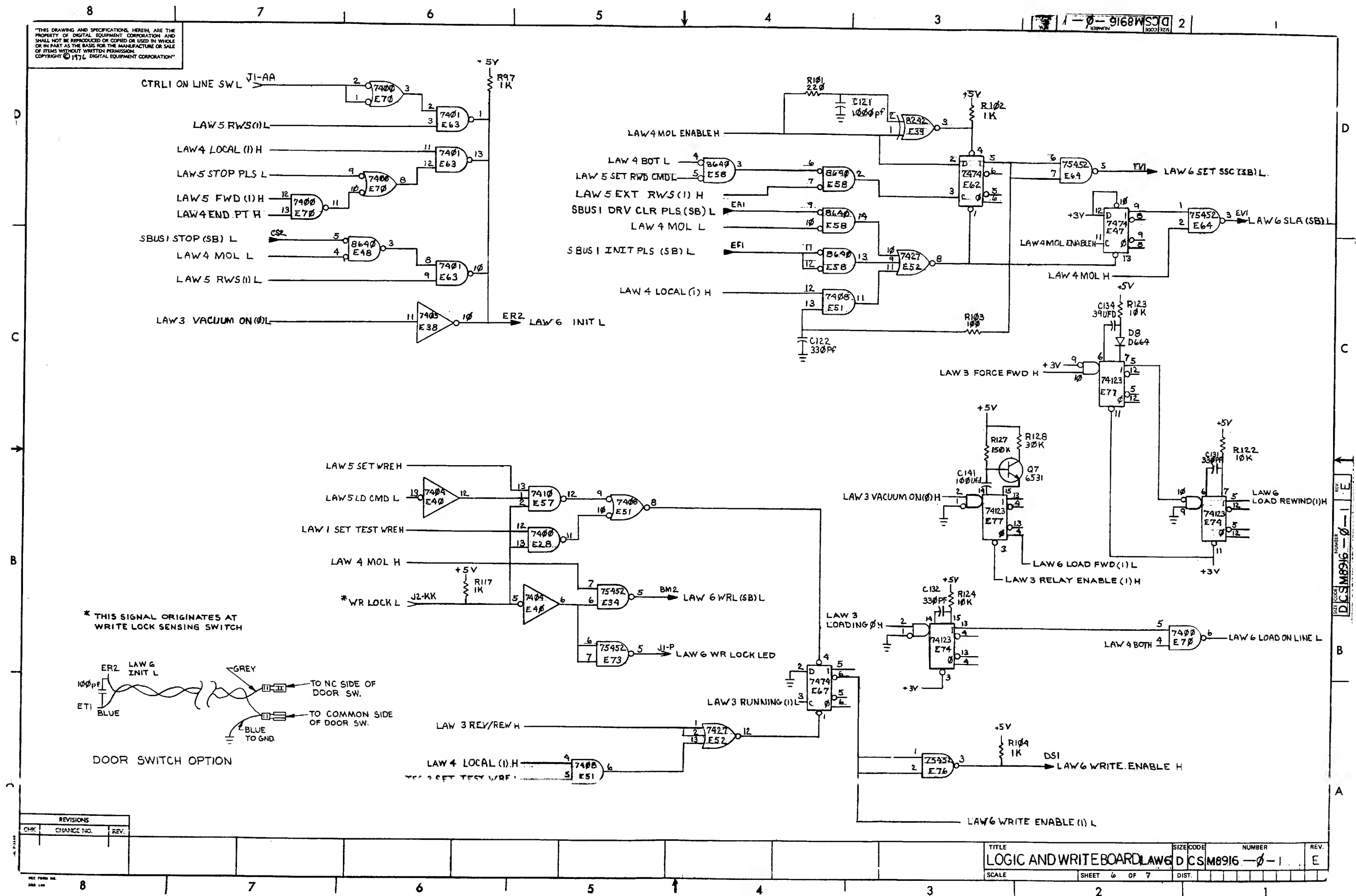


REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		SIZE CODE	NUMBER	REV.
LOGIC AND WRITE BOARD LAW2		D CS	M8916-0-1	E
SCALE		SHEET 2 OF 7	DIST.	

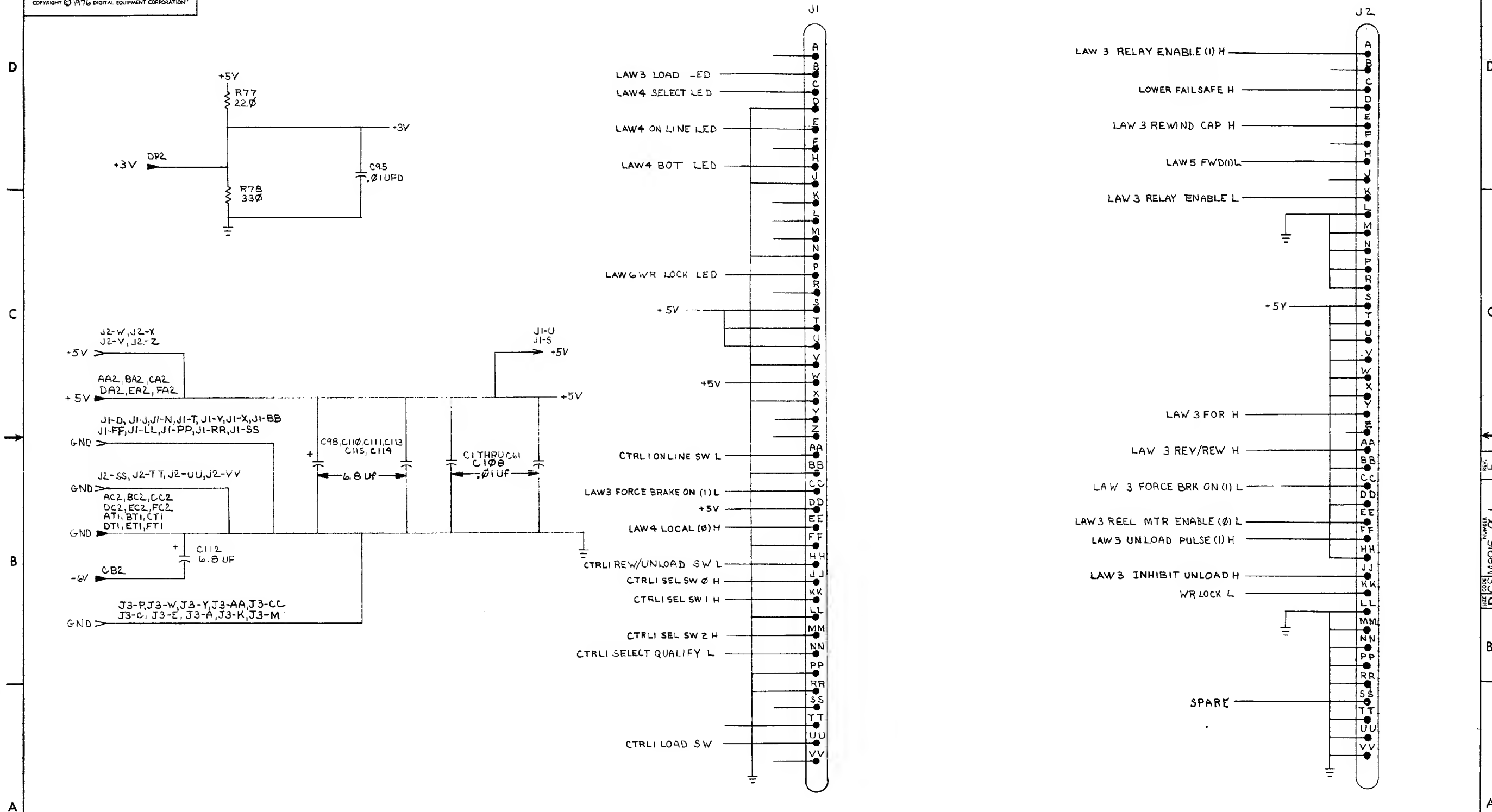






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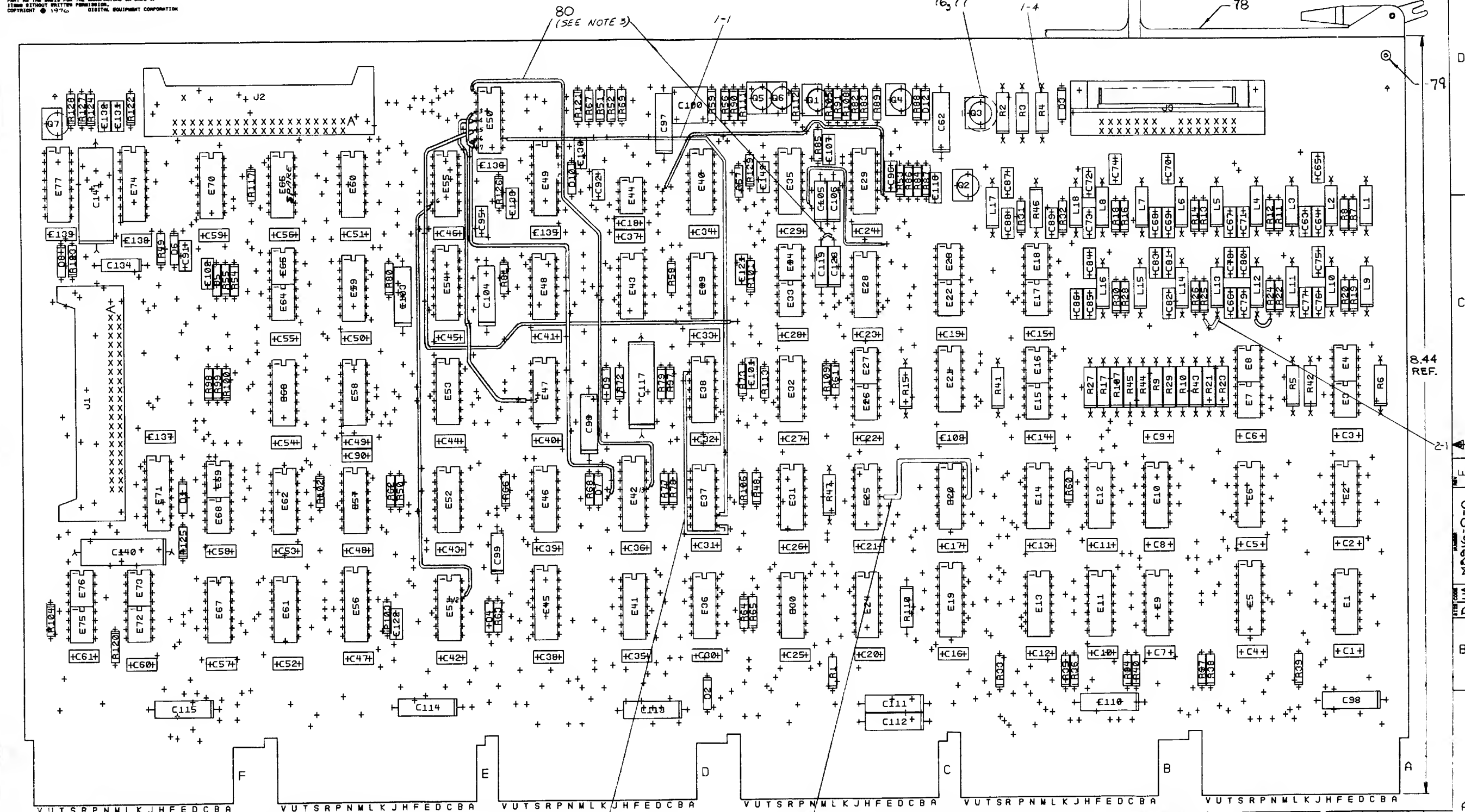
DCS M8916-0-1 2



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE: LOGIC AND WRITE BOARD
 SCALE: 1/8" = 1"
 SHEET: 7 OF 7
 NUMBER: DCS M8916-0-1
 REV: E

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NOTES: KEYWORD INSTRUCTIONS:
1. C1, C2, C3, C4, C5, C6, C7 ARE TO BE INSTALLED WITH + SIDE TOWARD FINGER END.
2. GETCH CUTS SHOWN ON SHEET 2.
3. ADD 10 JUMPER WIRES, ITEM 80.
4. ADD WIRE, E50-9 TO E37 PIN9.
5. ADD WIRE, E37-8 TO E38-2.
6. DELETE COMPONENT R4 (P/N 13-00274-00).
7. ADD COMPONENT R4 (P/N 13-00195-00).

CHANGE NO	REV	DATE	BY	CHK	APP
1	1	10/1/70	H. DRAB		
2	2	10/1/70	H. DRAB		
3	3	10/1/70	H. DRAB		
4	4	10/1/70	H. DRAB		
5	5	10/1/70	H. DRAB		
6	6	10/1/70	H. DRAB		
7	7	10/1/70	H. DRAB		
8	8	10/1/70	H. DRAB		
9	9	10/1/70	H. DRAB		
10	10	10/1/70	H. DRAB		

ETCH REV. C
P.C. DESIGN DATA BASE REV. CL

SIGNATURES	DATE	TITLE	LOGIC AND WRITE BOARD
DRN. J. Freeman	10/1/70		
CHK D. J. Freeman	10/1/70		
ENG. J. Freeman	10/1/70		
PROJ. ENG. J. Freeman	10/1/70		
PROD. J. Freeman	10/1/70		
SCALE 2/1		SIZE CODE	NUMBER
SHT. 1 OF 8		D UA	M8916-0-0
NEXT HIGHER ASSY. B DD-M8916-0			

SHEET 1 OF 3

QTY REFERENCE DESIGNATORS

18	18	1000024-00	470.0 MMF 100V 5%200PPM DM15S	(10-00	1	C90
19	19	1000016-00	100.0 MMF 100V 5%200PPM DM15S	(10-00	1	C92
20	20	1004815-00	100 MFD 20V 10% 150D S.TA	(10-00	1	C141
21	21	1100114-00	D 664 QS\75PCB PIV= 25V SP		7	D1,D2,D4,D7-D10
22	22	1100122-00	1N 748A VZ= 3.9 5%		1	D12
23	23	1102162-00	D 670-1PIV=100 I=.13		1	D3
24	24	1104860-00	1N 746A VZ= 3.3 5%		2	D5,D6
25	25	1209941-02	HEADER 100 40POS RT ANGLE		2	J1,J12
26	26	1210067-02	EDGE CARD 28PIN BLADE KEY 2		1	J3

REVISION HISTORY			VARIATIONS FOR THIS ASSY.		DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
CHK	ECO NO	REV		FIRST USED ON: TE16				
D.R	00003	E	00	MADE BY: H. WEINBRENNER	DATE: 15-MAY-78	TITLE		
				CHECKED: P. BOSSMAN	DATE: 15-MAY-78	PARTS LIST		
				DSN. ENG.: H. DRAB	DATE: 15-MAY-78	LOGIC AND WRITE BOARD		
				PROD.: G. DILLARD	DATE: 15-MAY-78	SIZE	CODE	DOCUMENT NUMBER
				RESP. ENG.: H. DRAB	DATE: 15-MAY-78	K	PL	M8916-0-DBP
								REV
								E
								EDIT#
								4
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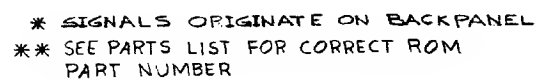
LINE	ITEM	DOCUMENT NO.	PART NO.	DESCRIPTION			QTY	REFERENCE DESIGNATORS
27	27		1300195-00	33	1/2W	5%	CC (13-00	1 R4
28	28		1300271-00	220	1/4W	5%	CC (13-00	5 R66,R77,R101,R112,R129
29	29		1300295-00	330	1/4W	5%	CC (13-00	1 R78
30	30		1300315-00	470	1/2W	5%	CC (13-00	10 R3,R5,R9,R15,R21,R27,R41,R42, CONT R44,R46
31	31		1300365-00	1	K 1/4W	5%	CC (13-00	35 R1,R33=R40,R48=R50,R54=R61, CONT R79,R89,R90,R97=R100,R102, CONT R104,R106,R109,R111,R113,R117, CONT R120
32	32		1300398-00	1.8	K 1/4W	5%	CC (13-00	2 R86,R108
33	33		1300444-00	3.9	K 1/4W	5%	CC (13-00	2 R64,R67
34	34		1300447-00	4.7	K 1/4W	5%	CC (13-00	2 R52,R53
35	35		1300479-00	10	K 1/4W	5%	CC (13-00	6 R63,R68,R121=R124
36	36		1300488-00	12	K 1/4W	5%	CC (13-00	1 R69
37	37		1301320-00	1.2	K 1/4W	5%	CC (13-00	3 R73,R82,R84
38	38		1301423-00	6.8	K 1/4W	5%	CC (13-00	2 R83,R85
39	39		1301424-00	580	1/4W	5%	CC (13-00	1 R51
40	40		1302177-00	47	K 1/4W	5%	CC (13-00	2 R72,R125
41	41		1302377-00	39	1/4W	5%	CC (13-00	18 R7,R8,R11=R14,R16,R18=R20,R22, CONT R24=R26,R28,R30=R32
42	42		1305346-00	27	K 1/4W	5%	CC (13-00	2 R87,R105
43	43		1300229-00	100	1/4W	5%	CC (13-00	4 R62,R88,R91,R103
44	44		1300354-00	750	1/2W	5%	CC (13-00	1 R2
45	45		1302391-00	20	K 1/4W	5%	CC (13-00	2 R80,R126
46	46		1301695-00	47	1/2W	5%	CC (13-00	1 R110
47	47		1300308-00	390	1/2W	5%	CC (13-00	9 R6,R10,R17,R23,R29,R45,R43, CONT R47,R107
48	48		1301808-00	22	K 1/4W	5%	CC (13-00	1 R81
49	49		1300219-00	68	1/4W	5%	CC (13-00	1 R65
50	50		1302396-00	150	K 1/4W	5%	CC (13-00	1 R127
51	51		1302394-00	30	K 1/4W	5%	CC (13-00	1 R128
52	52		1503409-01	DEC6534B	PNP	310MW SI 40 90 P		2 Q1,Q2
53	53		1509338-00	DEC6531B	NPN	310MW SI 40 90 P		4 Q4-Q7
54	54		1509649-00	DEC3762	PNP	4WC SI 40 30 MS		1 Q3
55	55		1609477-00	10.	UH	10% 450MA #SWD10		18 L1-L18
56	56		1905547-00	DEC 7474	FF-D DUAL	EDGE TRIGGER, 15MHZ		8 E11,E47,E50,E53,E55,E61,E62, CONT E67
57	57		1905575-00	7400	NAND GATE	QUAD 2IN		4 E28,E41,E60,E70
58	58		1905576-00	7410	NAND GATE	TRIPLE 3IN		1 E57
59	59		1910645-00	75452	DRIVER	PERIPH,DUAL,NAND		1 E44
60	60		1905587-00	DEC 7473	FF-JK DUAL	MASTER SLAVE, 10MHZ		5 E2,E6,E20,E21,E25
61	61		1905590-00	DEC 7401	NAND GATE	QUAD 2IN,OPN COLLECT		1 E63
62	62		1909004-00	DEC 7402	NOR GATE	QUAD 2IN		2 E43,E59
63	63		1909486-00	DEC 384	OR GATE	QUAD 2IN,UTIOLOGIC		1 E29
64	64		1909686-00	7404	INVERTER GATE	HEX 1IN		3 E31,E35,E40
65	65		1909712-00	DEC 8242	COMPARATOR	4BIT N,OPN COLL.		1 E39
66	66		1909930-00	7405	INVERTER GATE	HEX 1IN,OPEN COL		2 E37,E38
67	67		1909934-00	8266	MUS	1 OF 2 (QUAD)		3 E5,E19,E56

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE LOGIC AND WRITE BOARD	PARTS LIST		SIZE	CODE	DOCUMENT NUMBER M8916-0-DBP	REV E
				K	PL		

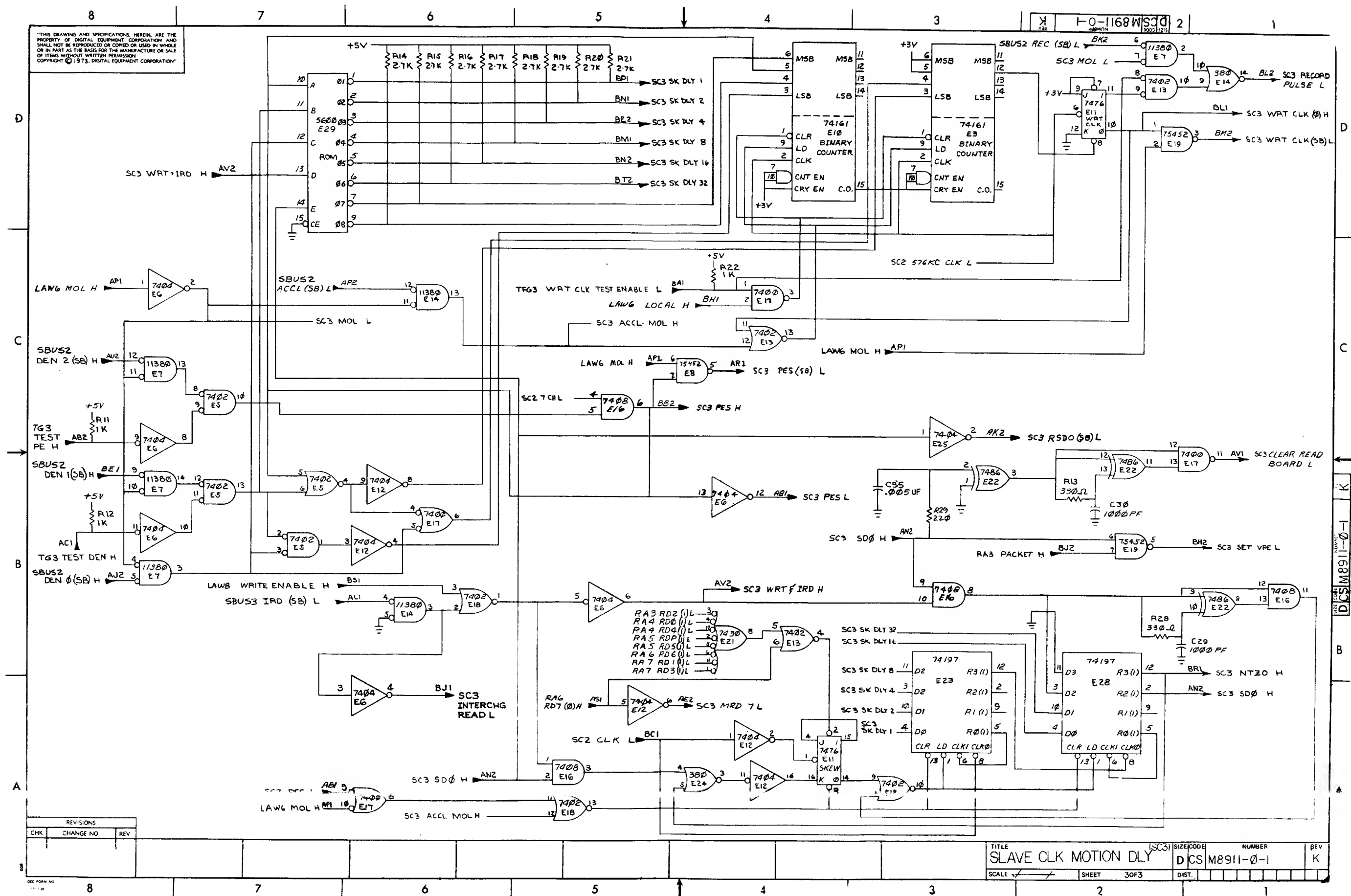
LINE	ITEM	DOCUMENT NO.	PART NO.	DESCRIPTION	QTY	REFERENCE DESIGNATORS
68	68		1910011-00	DEC 7486 X-OR GATE-QUAD 2INPUT	3	E1,E10,E24
69	69		1910041-00	DEC 74164 SHIFT REG.,8BIT SERIAL IN/OUT	1	E12
70	70		1910155-00	DEC 7408 AND GATE,POS,QUAD 2IN 14	3	E32,E46,E51
71	71		1910436-00	DEC 74123 ONE SHOT-DUAL,RETRIGGERABLE	7	E42,E45,E49,E54,E77,E71,E74
72	72		1910878-00	7427 NOR GATE-TRIPLE 3IN	1	E52
73	73		1911469-00	DEC 8640 RECEIVER,BUS,QUAD,UNIBUS,Q-BU	6	E9,E14,E30,E36,E48,E58
74	74		1905580-00	DEC 7450 A-0-I XPNDBLE GATE-DUAL 2X2	1	E13
75	75		1910645-01	75452 DRIVER,PERIPH,DUAL,NAND	22	E3,E4,E7,E8,E15,E16,E17,E18,
					CONT	E22,E23,E26,E27,E33,E34,E64,
					CONT	E65,E68,E69,E72,E73,E75,E76
76	76	SEE NOTE 81	9007201-00	TRANSIPADS #10253	1	
77	77		1210001-00	HEAT SINK - 2201 RED S	1	
78	78		1210711-02	HANDLE ASSY,MOD DOEHLER-JARVIS	1	
79	79		9006732-00	EYELET, ROLLED FLANGE, .121 OD X .219 LG	12	
80	80		9105740-55	WIRE(WRAP)30AWG UL1423 (91-00 A/R		

81 NOTE: USE FOR Q3

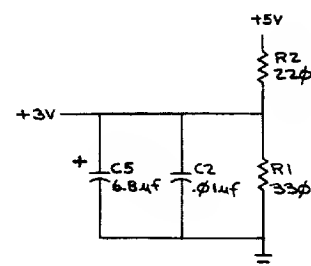
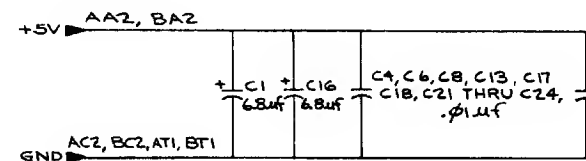
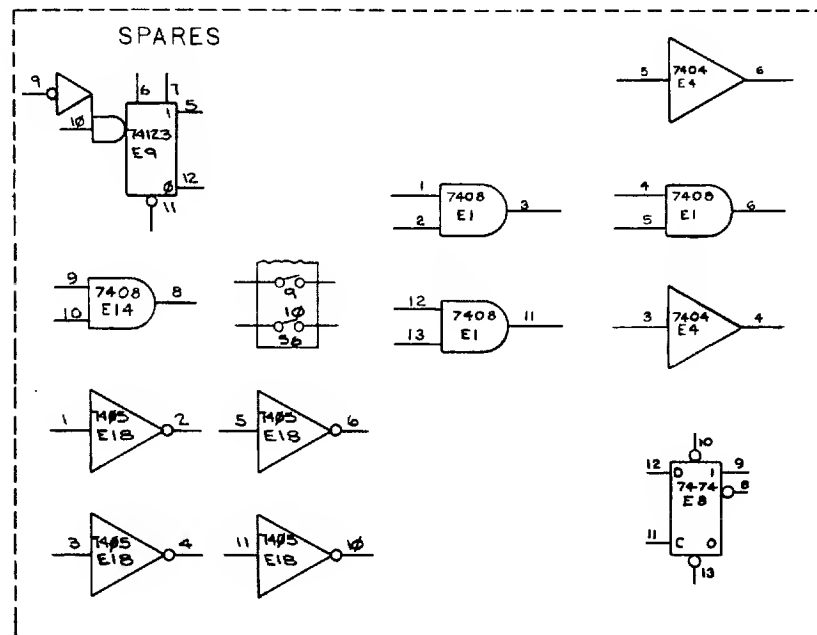
TITLE	PARTS LIST	SIZE	CODE	DOCUMENT NUMBER	REV
DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	LOGIC AND WRITE BOARD	K	PL	M8916-0-0	E



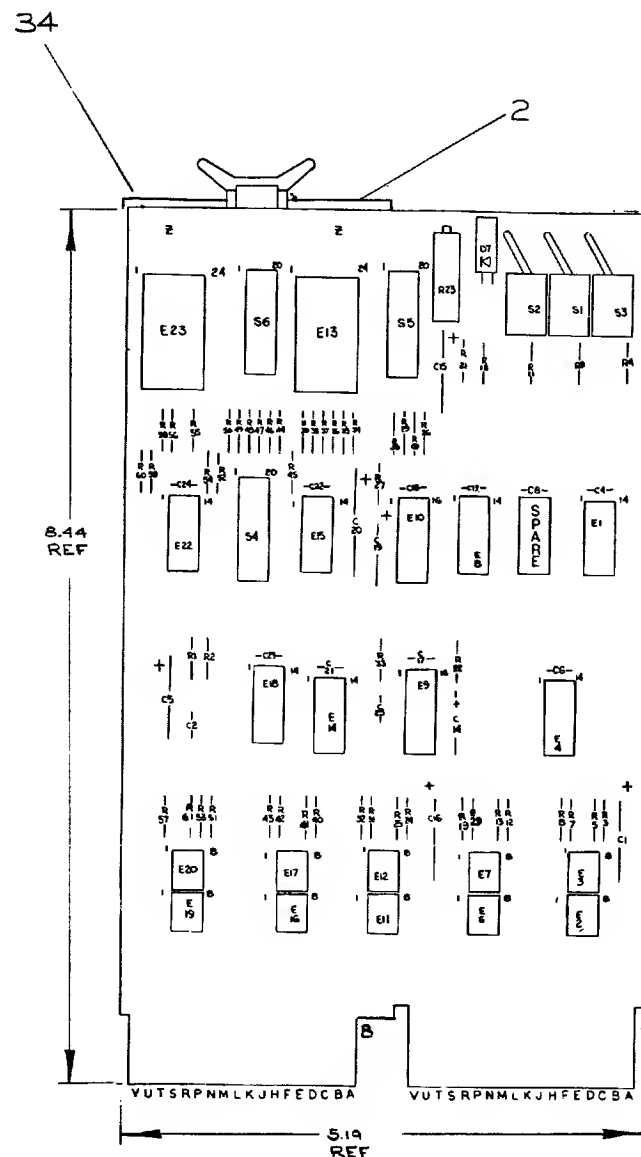
REVISIONS		
CHK	CHANGE NO	REV



DASH VAR	DESCRIPTION
-01	TWO PARTS IN ONE 16 PIN CARRIER



74199	12	24
78452	A	B
74123	8	16
IC TYPE	GND	+ 5V
GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY EXCEPTIONS ARE STATED ABOVE		
IC PIN LOCATIONS		



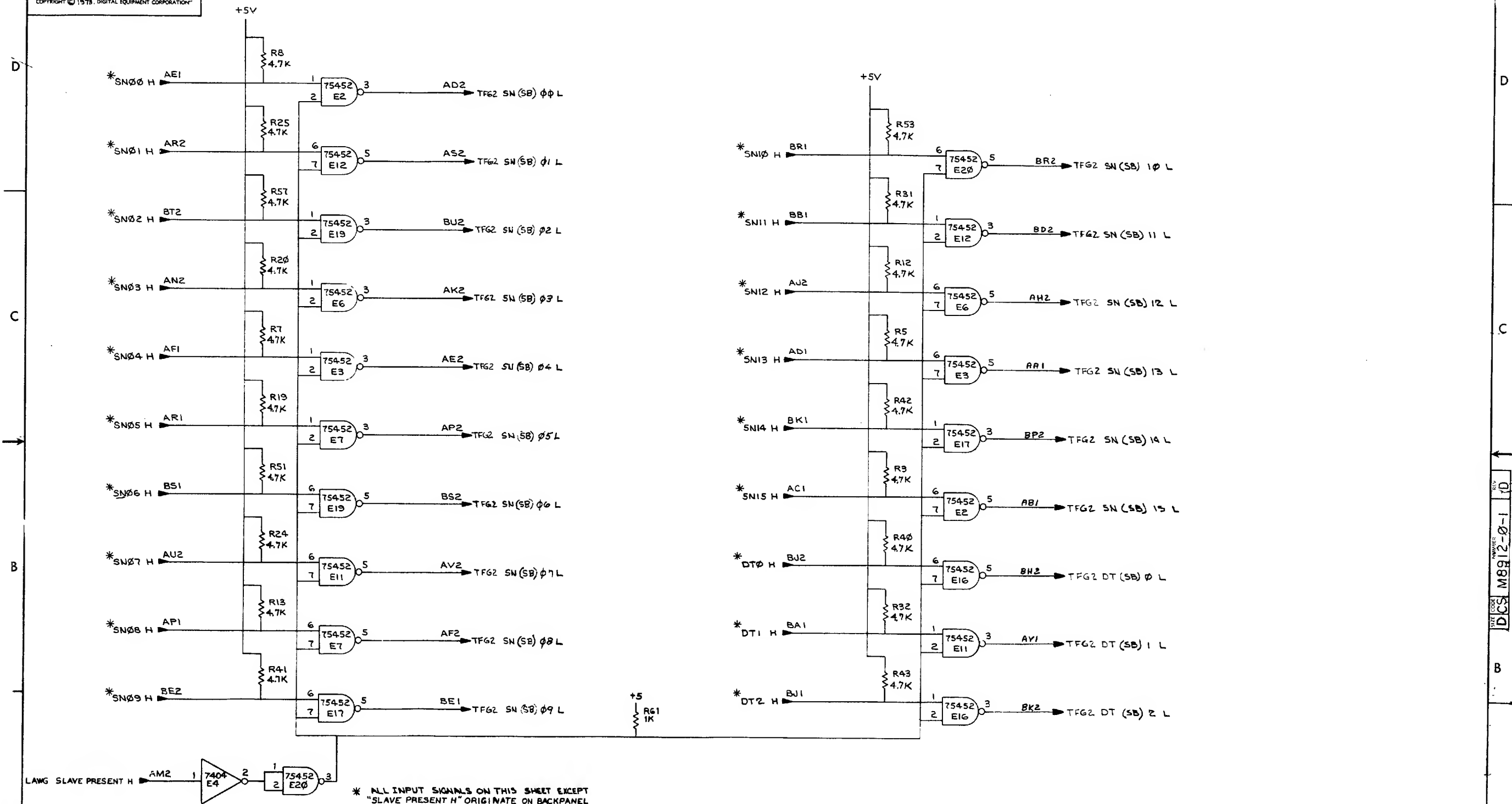
REF	QTY	DESCRIPTION	QTY
REF		X-Y COORDINATE HOLE LOCATION	K-CO-M8912-0-4
REF		ASSY/DRILLING HOLE LAYOUT	D-AH-M8912-0-5
REF		MODULE ECO HISTORY	B-MH-M8912-0-6
1		ETCHED CIRCUIT BOARD	5010674
1		HANDLE, FLIP-CHIP, MAGENTA	9008331-06
1			
1	C25	CAP 470 pF 100V 5% D.M.	1000024
2	C14, C19	CAP 3.9uF 100V 10% TANT	1000064
11	C2, C4, C13, C18, C21-24 C6, C8, C13	CAP .01uF 100V 20% DISC	1001610-01
1	C15	CAP 10uF 20V 10% TANT	1004813
1	C20	CAP 100uF 20V 10% TANT	1004815
3	C1, C5, C16	CAP 6.8uF 35V 10% TANT	1005306
1			
1	D7	DIODE, LIGHT EMITTING	1110324
1	R33	RES 150 1/4 W 5%	1300250
1	R2	RES 220 1/4 W 5%	1300271
1	R1,	RES 330 1/4 W 5%	1300295
5	R4, R9, R11, R10, R61	RES 1K 1/4 W 5%	1300365
43	R3, R5, R1, R8, R12, R13, R19 THRU R21, R24, R25, R26 R28 THRU R32, R34 THRU R39, R41 THRU R60	RES 4.7K 1/4 W 5%	1300447
1	R22	RES 10K 1/4 W 5%	1300479
1	R27	RES 15K 1/4 W 5%	1300496
1	R18	RES 270 1/4 W 5%	1301972
1	R23	RES 50K 3/4 W 10% 76 PR	1309143-13
1	E4	IC 7404	1909686
2	E15, E22	IC 74197	1910035
2	E1, E14	IC 7408	1910155
2	E9, E10	IC 74123	1910436
5	(E2-E3), (E6-E7), (E11-E12) (E16-E17), (E19-E20)	IC 75452	1910445-01
2	E13, E23	IC 74199	1910842
1	E8	IC 7474	1905547
1	E18	IC 7405	1909930
3	S1, S2, S3	SWITCH, TOGGLE	1810209-00
3	S4, S5, S6	SWITCH, DIP OF 10	1211164-06
2		EYELET	9006732

* NOTE

FIRST USED ON OPTION MODEL		QTY		REF DESIGNATION		DESCRIPTION		PART NO.		NO.	
TU16		ETCH BOARD REV		D		PARTS LIST					
						DRN	DATE	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> digital </div> <div style="display: inline-block; vertical-align: top; margin-left: 10px;"> EQUIPMENT CORPORATION <small>MAYNARD MASSACHUSETTS</small> </div>			
						CHKD	DATE				
						ENG	DATE				
						PROG ENR	DATE				
						PROG	DATE				
						NEXT HIGHER ASSY					
DEC NO.	EIA NO.	DEC NO.	EIA NO.	SCALE		SIZE CODE		NUMBER		REV.	
SEMICONDUCTOR CONVERSION CHART				11		D/Cs		M8912-0-1		D	

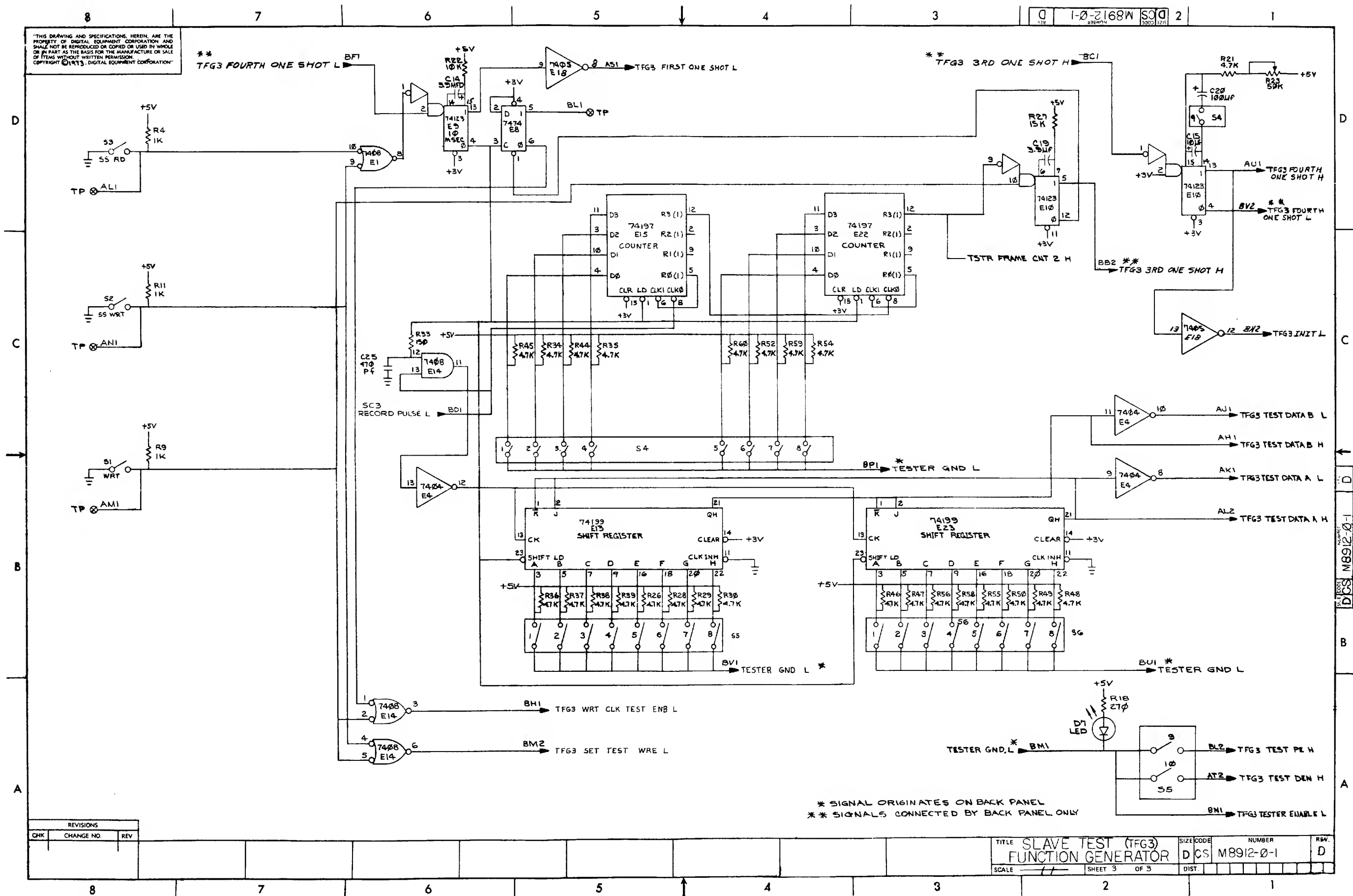
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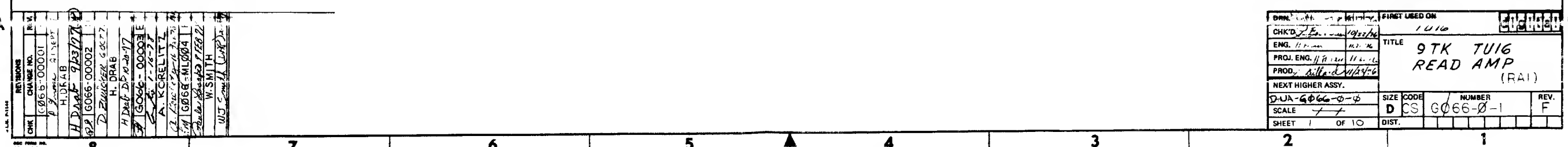
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REVISIONS		
CHK	CHANGE NO.	REV.

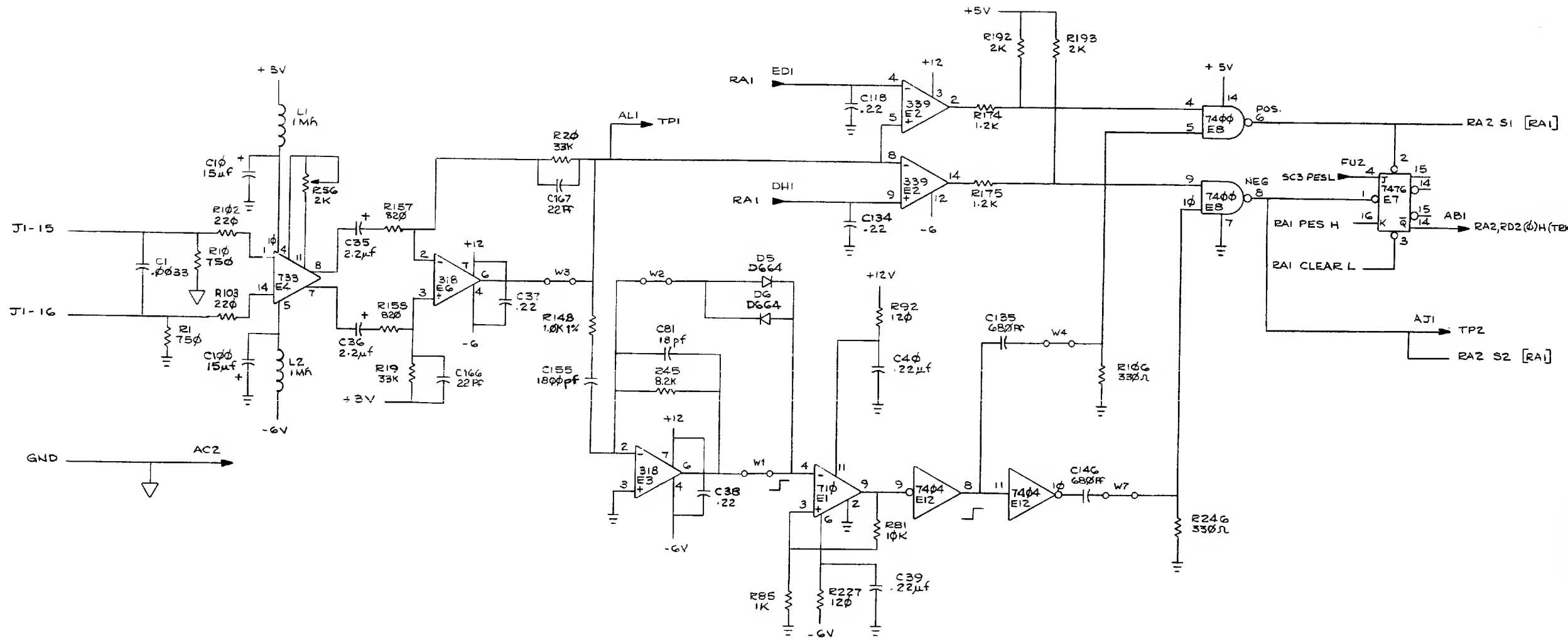
TITLE	SLAVE TEST (TFG2)	SIZE	CODE	NUMBER	REV.
FUNCTION GENERATOR	DCS	M8912-0-1	D		
SCALE	+	SHEET 2 OF 3	DIST		





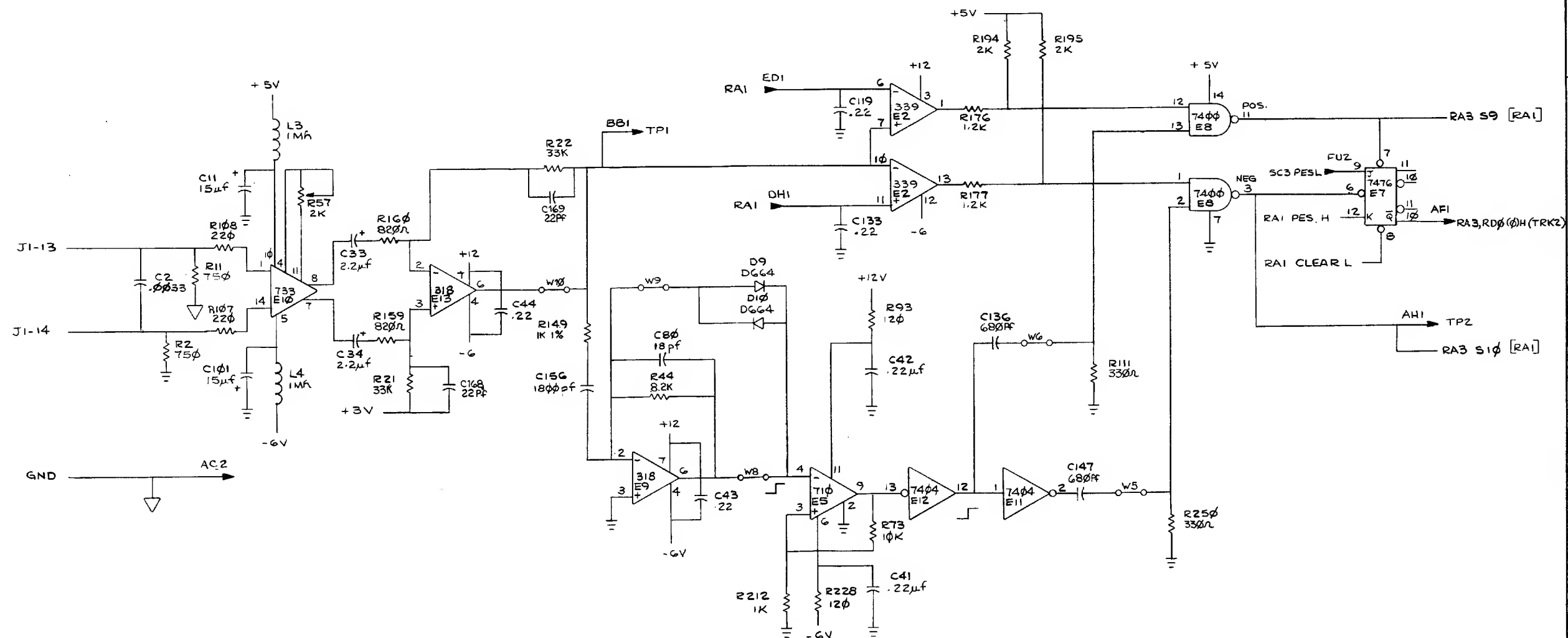
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1-0-9909 SC D 2

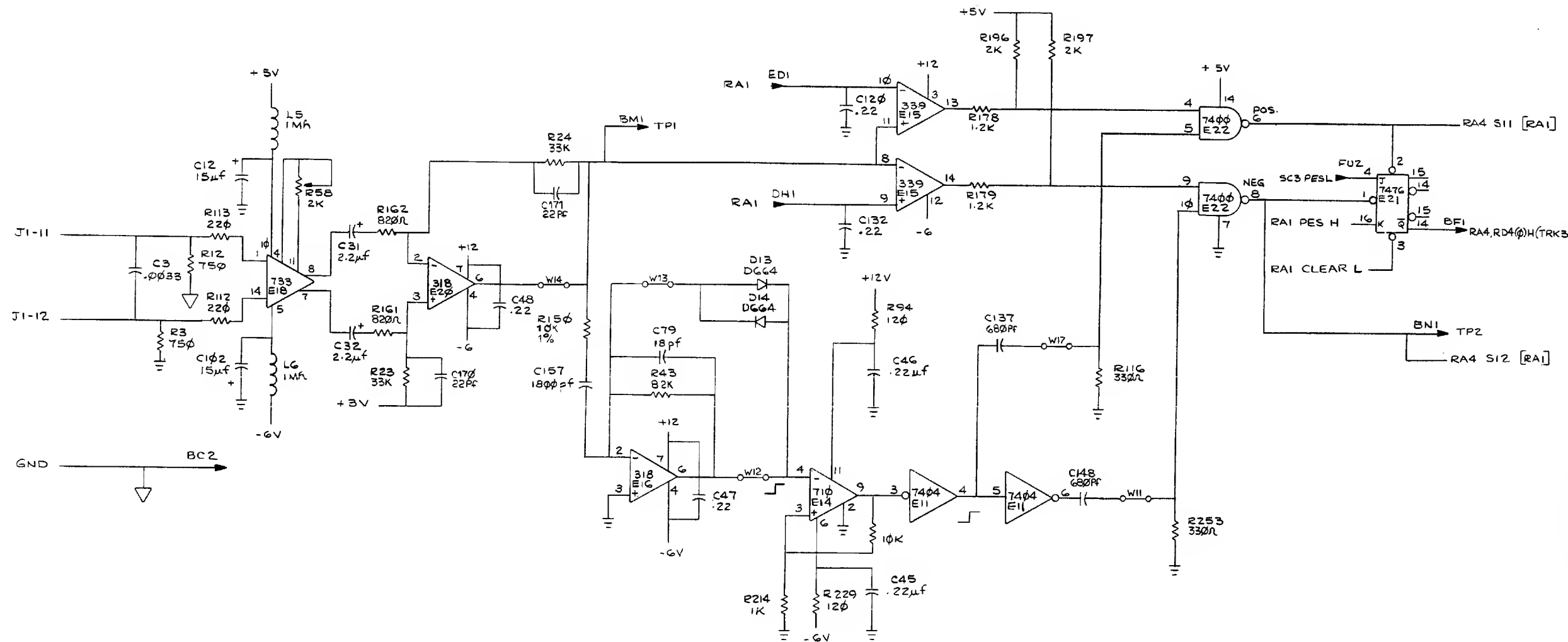


REVISIONS		
CHK	CHANGE NO.	REV.

TITLE 9TK TU16 READ AMP (RA2)		SIZE CODE DCS	NUMBER G066-0-1	REV. F
SCALE	SHEET 2 OF 10	DIST.		



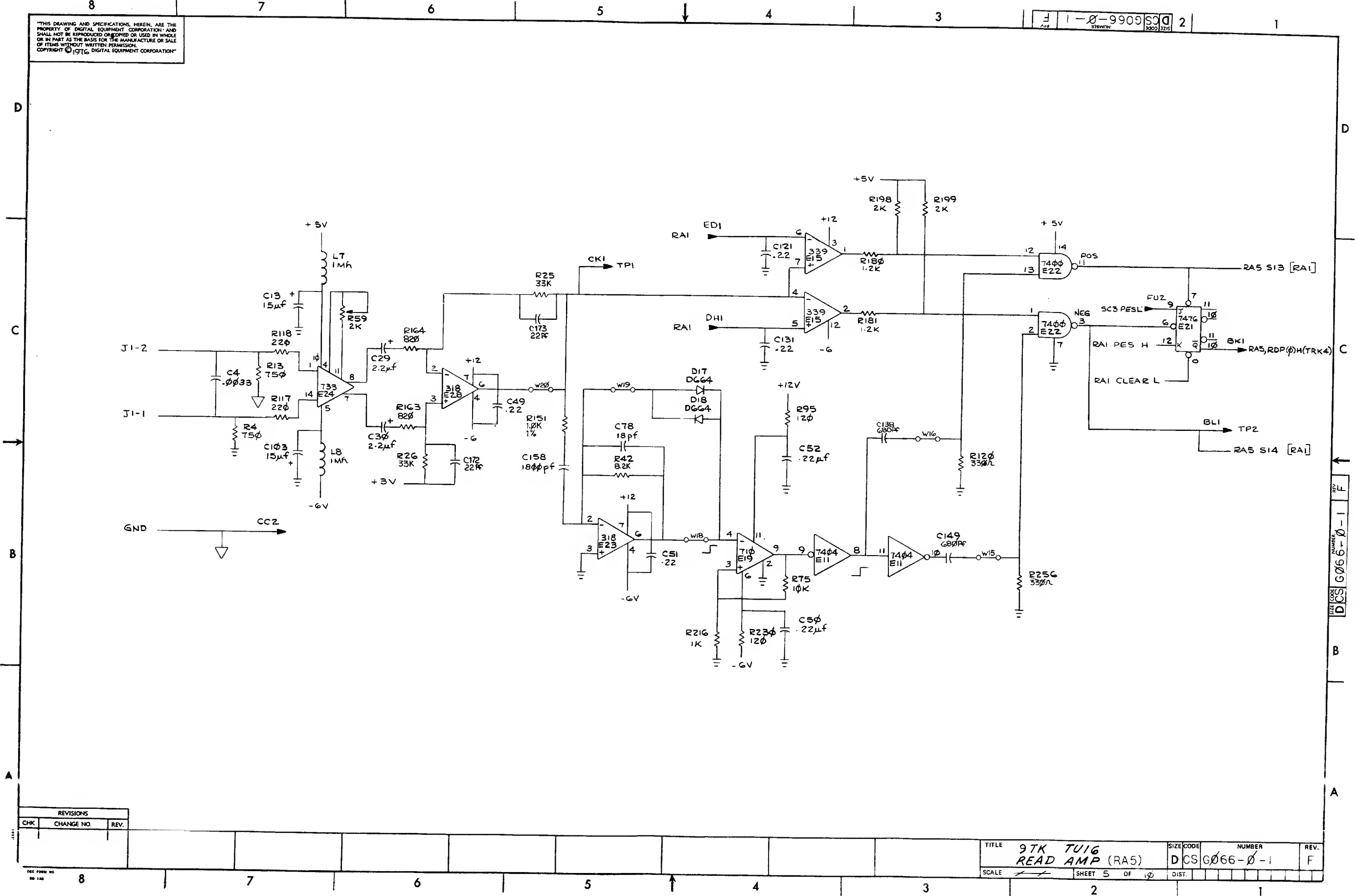
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REVISIONS		
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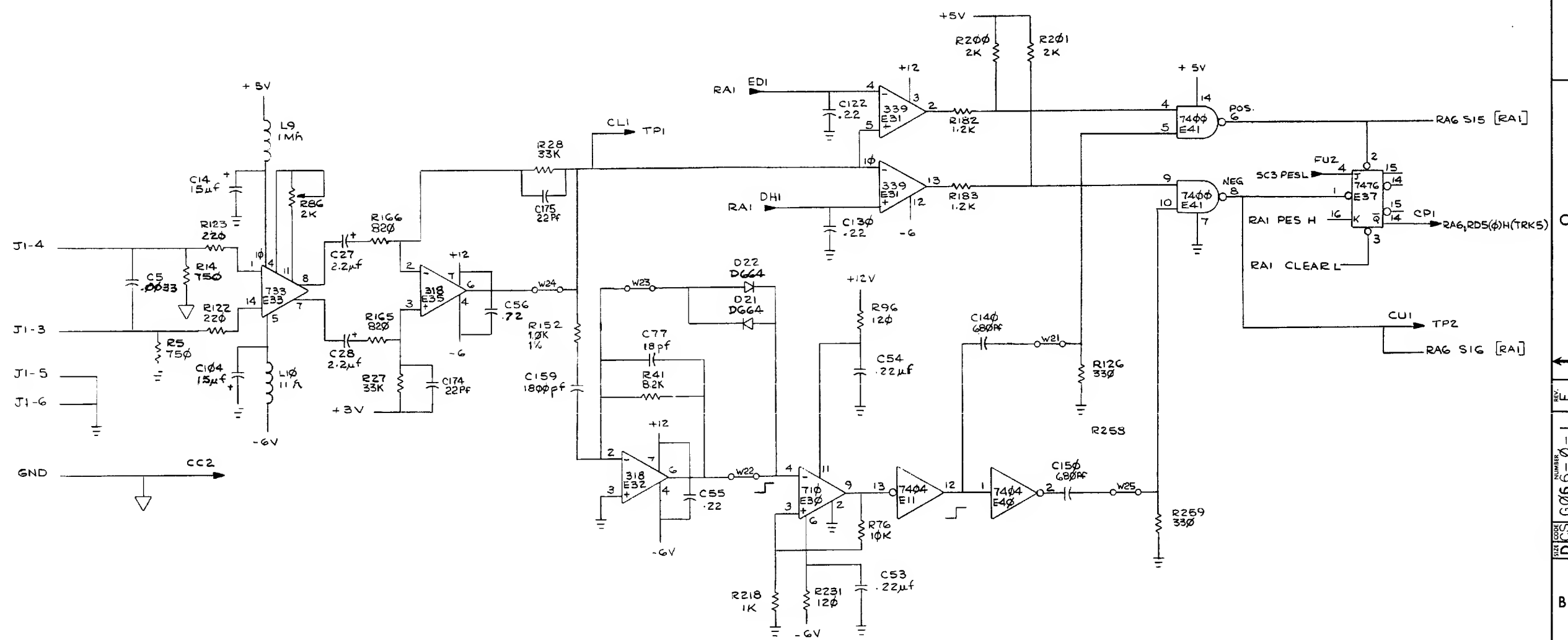
TITLE		9TK TU16	SIZE/COO	NUMBER	REV.
READ AMP (RA4)		DCS G066-0-1	F		
SCALE		SHEET 4 OF 10	DIST.		

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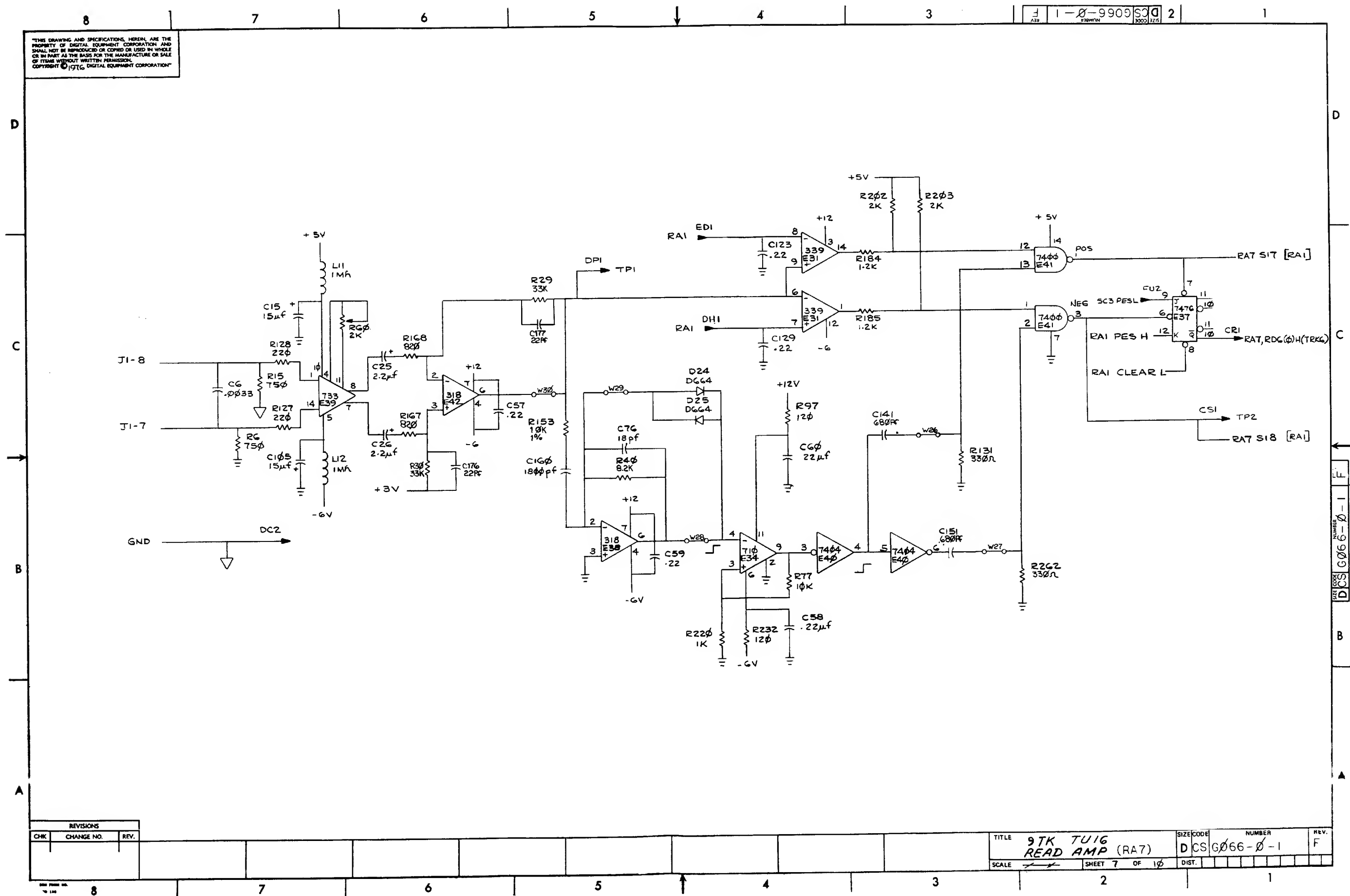


REVISIONS		
CHK	CHANGE NO.	REV.

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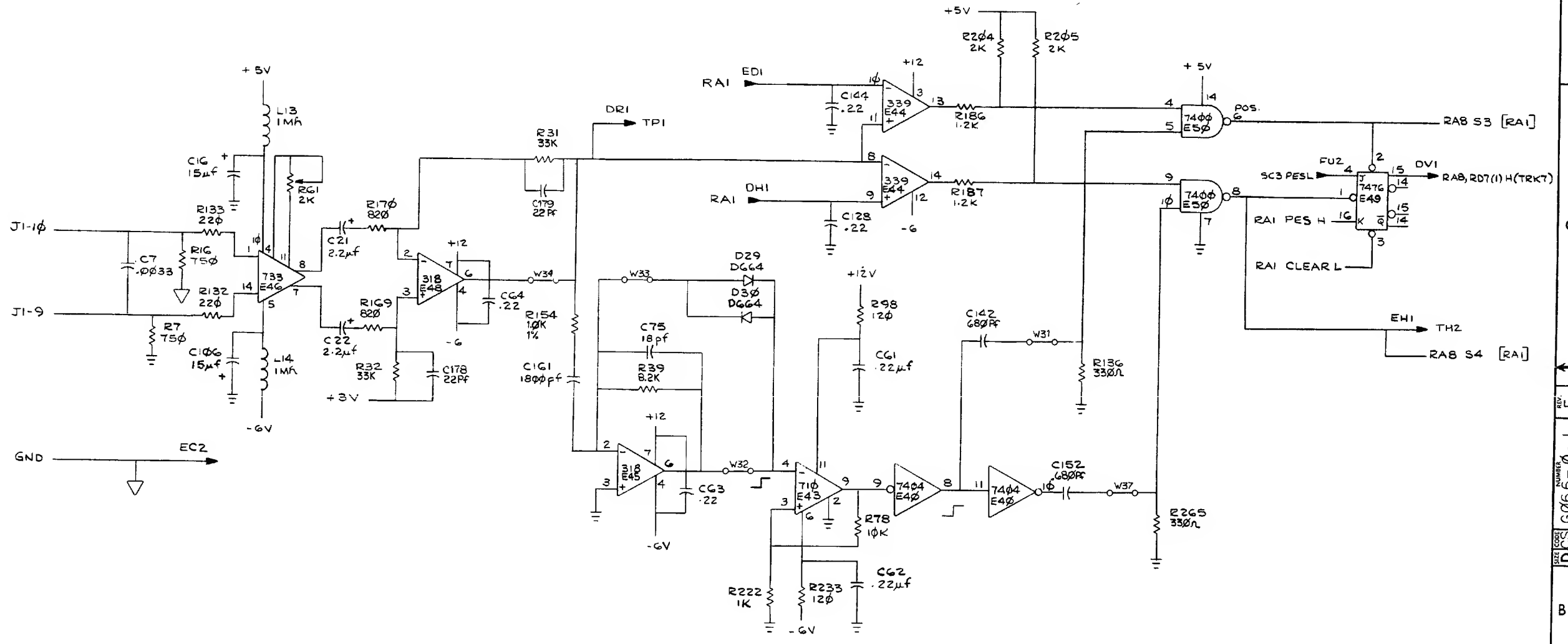


REVISIONS		
CHK	CHANGE NO.	REV.



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1-0-9909 SC 2



REVISIONS		
CHK	CHANGE NO.	REV.

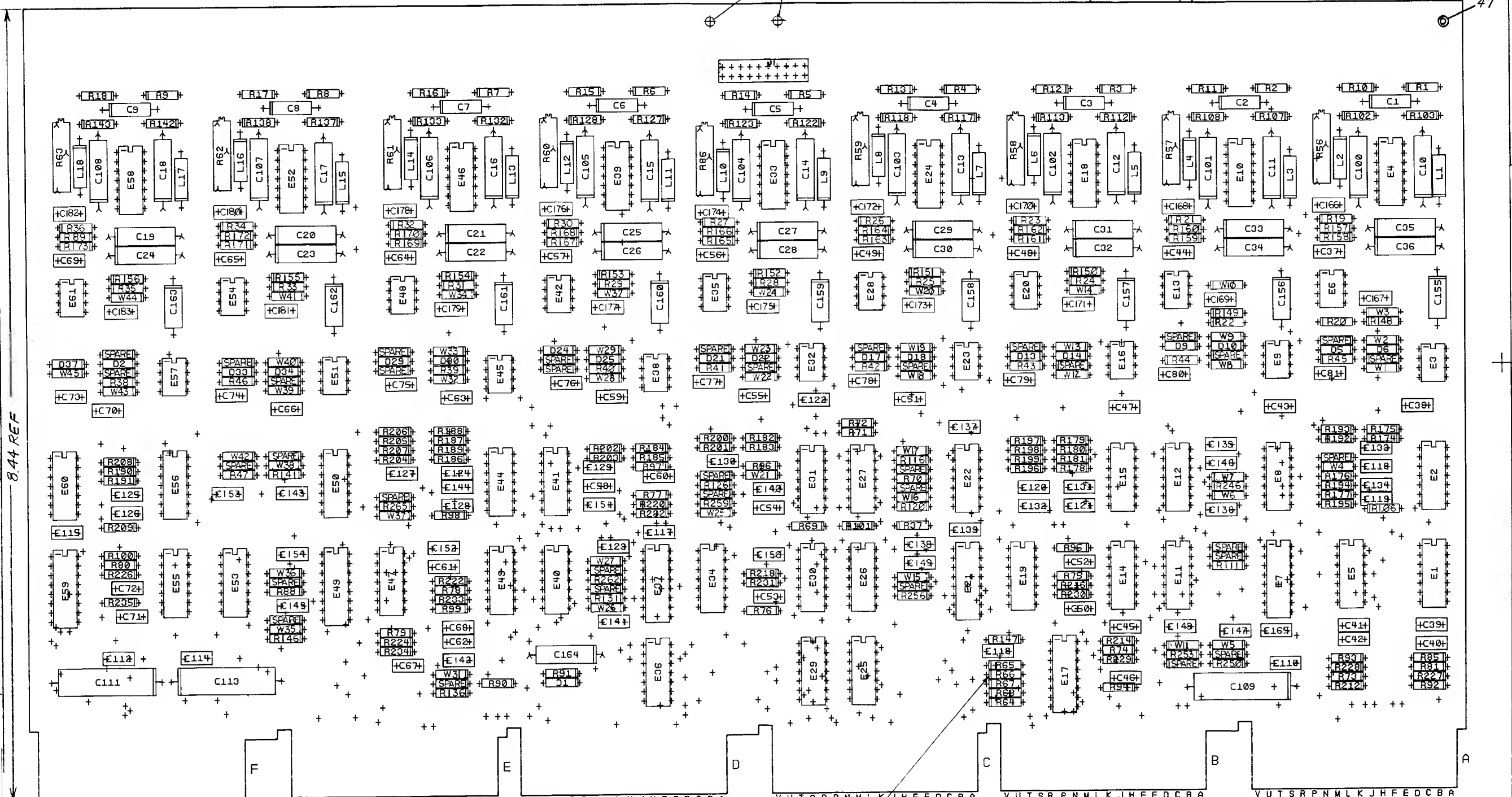
TITLE 9TK TU16 READ AMP (RAB) SIZE CODE NUMBER DCS G066-0-1 REV. F
SCALE 1:1 SHEET 8 OF 10 DIST.

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SEE NOTE 1

48 COMPONENT SIDE VIEW

47



NOTES: 1. DO NOT INSTALL 2 EYELED IN HANDLE IN HOLES INDICATED.
REWORK INSTRUCTIONS ECO*
COMPONENT DELETE SIDE 1
1-2. R66 (P/N 1300439)
COMPONENT ADDS SIDE 1:
1-3. R66 (P/N 1303177) (CONT. ON SHEET 40F4)

CHK	CHANGE	N	REV	DATE	BY	APP
1	1	1	1	11/23/76	W. SMITH	W. SMITH
2	2	2	2	11/23/76	W. SMITH	W. SMITH
3	3	3	3	11/23/76	W. SMITH	W. SMITH
4	4	4	4	11/23/76	W. SMITH	W. SMITH
5	5	5	5	11/23/76	W. SMITH	W. SMITH
6	6	6	6	11/23/76	W. SMITH	W. SMITH
7	7	7	7	11/23/76	W. SMITH	W. SMITH
8	8	8	8	11/23/76	W. SMITH	W. SMITH
9	9	9	9	11/23/76	W. SMITH	W. SMITH
10	10	10	10	11/23/76	W. SMITH	W. SMITH
11	11	11	11	11/23/76	W. SMITH	W. SMITH
12	12	12	12	11/23/76	W. SMITH	W. SMITH
13	13	13	13	11/23/76	W. SMITH	W. SMITH
14	14	14	14	11/23/76	W. SMITH	W. SMITH
15	15	15	15	11/23/76	W. SMITH	W. SMITH
16	16	16	16	11/23/76	W. SMITH	W. SMITH
17	17	17	17	11/23/76	W. SMITH	W. SMITH
18	18	18	18	11/23/76	W. SMITH	W. SMITH
19	19	19	19	11/23/76	W. SMITH	W. SMITH
20	20	20	20	11/23/76	W. SMITH	W. SMITH
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61	61	61	61	11/23/76	W. SMITH	W. SMITH
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63	63	63	63	11/23/76	W. SMITH	W. SMITH
64	64	64	64	11/23/76	W. SMITH	W. SMITH
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66	66	66	66	11/23/76	W. SMITH	W. SMITH
67	67	67	67	11/23/76	W. SMITH	W. SMITH
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71	71	71	71	11/23/76	W. SMITH	W. SMITH
72	72	72	72	11/23/76	W. SMITH	W. SMITH
73	73	73	73	11/23/76	W. SMITH	W. SMITH
74	74	74	74	11/23/76	W. SMITH	W. SMITH
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76	76	76	76	11/23/76	W. SMITH	W. SMITH
77	77	77	77	11/23/76	W. SMITH	W. SMITH
78	78	78	78	11/23/76	W. SMITH	W. SMITH
79	79	79	79	11/23/76	W. SMITH	W. SMITH
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81	81	81	81	11/23/76	W. SMITH	W. SMITH
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92	92	92	92	11/23/76	W. SMITH	W. SMITH
93	93	93	93	11/23/76	W. SMITH	W. SMITH
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95	95	95	95	11/23/76	W. SMITH	W. SMITH
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99	99	99	99	11/23/76	W. SMITH	W. SMITH
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ETCH REV. D	P.C. DESIGN DATA BASE REV. 122350L
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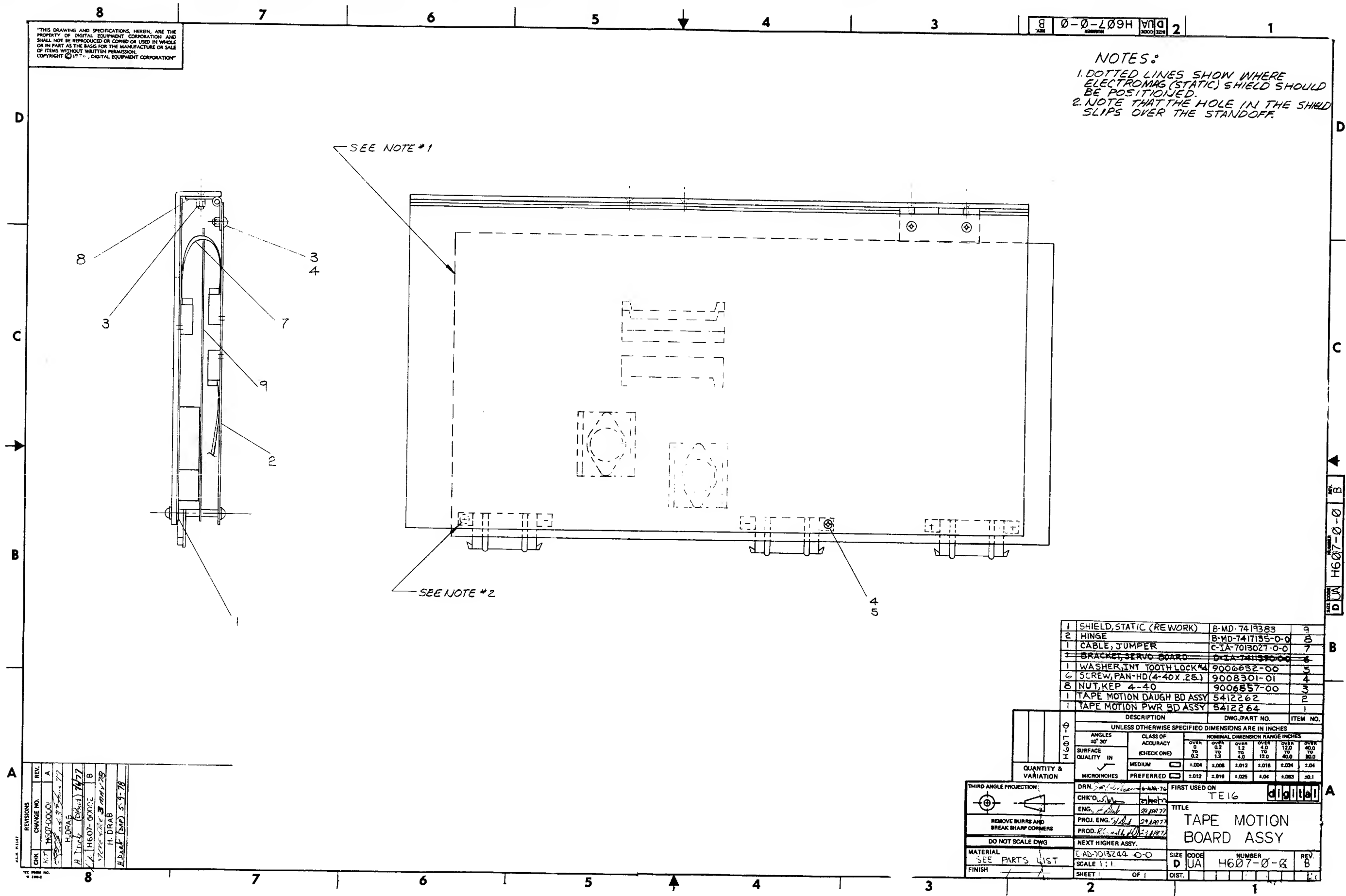
SIGNATURES	DATE	digital
DRN. S. H. H. H.	11/23/76	
CHK. D. J. J. J. J.	11/23/76	
ENG. H. H. H. H.	11/23/76	
PROJ. ENG. H. H. H. H.	11/23/76	
PRDD. S. H. H. H.	11/23/76	TITLE 9TK TUG READ AMP
SCALE 2/1	SIZE CODE 0 UA	NUMBER 6066-0-0
SHT. 1 OF 4	NEXT HIGHER ASSY. B-DO-6066-0	REV. F

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION												NOTES:			
PARTS LIST																USED ON OPTION/MODEL TU116J			
MADE BY DAVID BEAUREGARD		CHECKED <i>J. P. Brennan</i>		SECTION 1															
DATE 15 OCT 76		DATE 18 OCT '76																	
ENG <i>H. F. Anderson</i>		PROD <i>Gordon P. Dillard</i>		ISSUED SECTION 1															
DATE 11.23.76		DATE 23 NOV '76																	
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	REF													REF DESIGNATION		
	D-CS-G066-0-1		CIRCUIT SCHEMATIC	REF															
	B-DD-G066-0		DWG DIRECTORY	REF															
	D-UA-G066-0-0		UNIT ASSEMBLY	REF															
	D-MD-5012235-0-0	5012235	ETCHED CIRCUIT BOARD	1															
1		19-13293-00	IC 74156	1													E17		
2		19-10537-00	IC 74511	3													E25,E29,E36		
3		19-12107-00	IC LM324	1													E27		
4		19-10644-00	IC 733	9													E4,E10,E18,E24,E33,E39,E46,E52,E58		
5		19-10735-02	IC 318	18													F3,E6,E9,E13,E16,E20,E28,E23,E32,E38,E35, E42,E45,E48,E51,E54,E57,E61		
6		19-05620-01	IC 710	9													E1,E5,E14,E19,E30,E34,E43,E47,E55		
7		19-12108-00	IC LM339	5													E2,E15,E31,E44,E56		
8		19-05575-00	IC DEC7400	5													E8,E22,E41,E50,E60		
9		19-05585-00	IC 7476	5													E7,E21,E37,E49,E59		
10		19-09686-00	IC 7404	4													E12,E11,E40,E53		
11		19-10011-00	IC DEC7486	1													E26		
12		11-13295-00	DIODE 3.0V ZENER (1N4372A)	1													D1		
13		11-00114-00	DIODE D664	18													D2,D5,D6,D9,D10,D13,D14,D17,D18,D21,D22, D24,D25,D29,D30,D33,D34,D37		
14		16-02723-00	CHOKE 1 MH	18													L1 thru L18		
ECO. NO. 00001 00002 00003 ML004																			
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EN-01140A-16-R276(325) DRB 125				SHEET 1 OF 4				INSERTION PARTS LIST DATA BASE REV B											

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION										NOTES:					
PARTS LIST														USED ON OPTION/MODEL TU16J					
MADE BY D. BEAUREGARD		CHECKED <i>D. Brennan</i>		SECTION 1															
DATE 15 Oct 76		DATE 18 Oct 76																	
ENG <i>H. Finkelstein</i>		PROD <i>Gordon R. Dillard</i>		ISSUED SECTION 1															
DATE 11.23.76		DATE 23 NOV '76																	
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION												REF DESIGNATION				
15		10-04812-00	CAP 15 Mi 20V, 10% TANT	19											C164, C10 thru C18, C100 thru 108				
16		10-02431-00	CAP 2.2 UF 35V, 10% TANT	18											C19 thru C36				
17		10-05820-00	CAP. 22PF 100V 5%	18											C166-C183 (IN PARALLEL WITH R19 thru R29, R30, R31 thru R36)				
18		10-10274-00	CAP .22 UF 50V CER	57											C37 thru C72, C118 thru C134, C144, C110, C112, C114				
19		10-00026-00	CAP 680PF 100V 5%	18											C135 thru C138, C140 thru C143, C145 thru C154				
20		10-02608-00	CAP 18 PF 100V 5% DM	9											C73 thru C81				
21		10-05116-00	CAP 3300 PF 200V 10%	9											C1 thru C9				
22		10-13292-00	CAP 1800 PF 100V 10% MYLAR	9											C155 thru C163				
23		10-01796-00	CAP 50 UF 25V AL EL	3											C111, C109, C113				
24		10-01774-00	CAP .05 UF 25V DISC	5											C115 thru C117, C139, C165				
25		13-01477-00	RES 82 1/4W 5%	18											R49 thru R55, R82 thru R84, R245, R248, R251, R254, R257, R260, R263, R266				
26		13-00247-00	RES 120 1/4W 5%	18											R92 thru 100, R227 thru R235				
27		13-00271-00	RES 220 1/4W 5%	18											R102, R107, R108, R112, R113, R117, R118, R122, R123, R127, R128, R132, R133, R137, R138, R142, R143				
28		13-01424-00	RES 680 1/4W 5%	1											R147				
29		13-00365-00	RES 1K 1/4W 5%	10											R85, R101, R212, R214, R216, R218, R220, R222, R224, R226				
30		13-01320-00	RES 1.2K 1/4W 5%	18											R174 thru R191				
31		13-01401-00	RES 750 1/4W 5%	18											R1 thru R18				
E.C.O. NO.																			
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EN-01140A-16-R276(325)				DRB 125				INSERTION PARTS LIST DATA BASE REV 5											

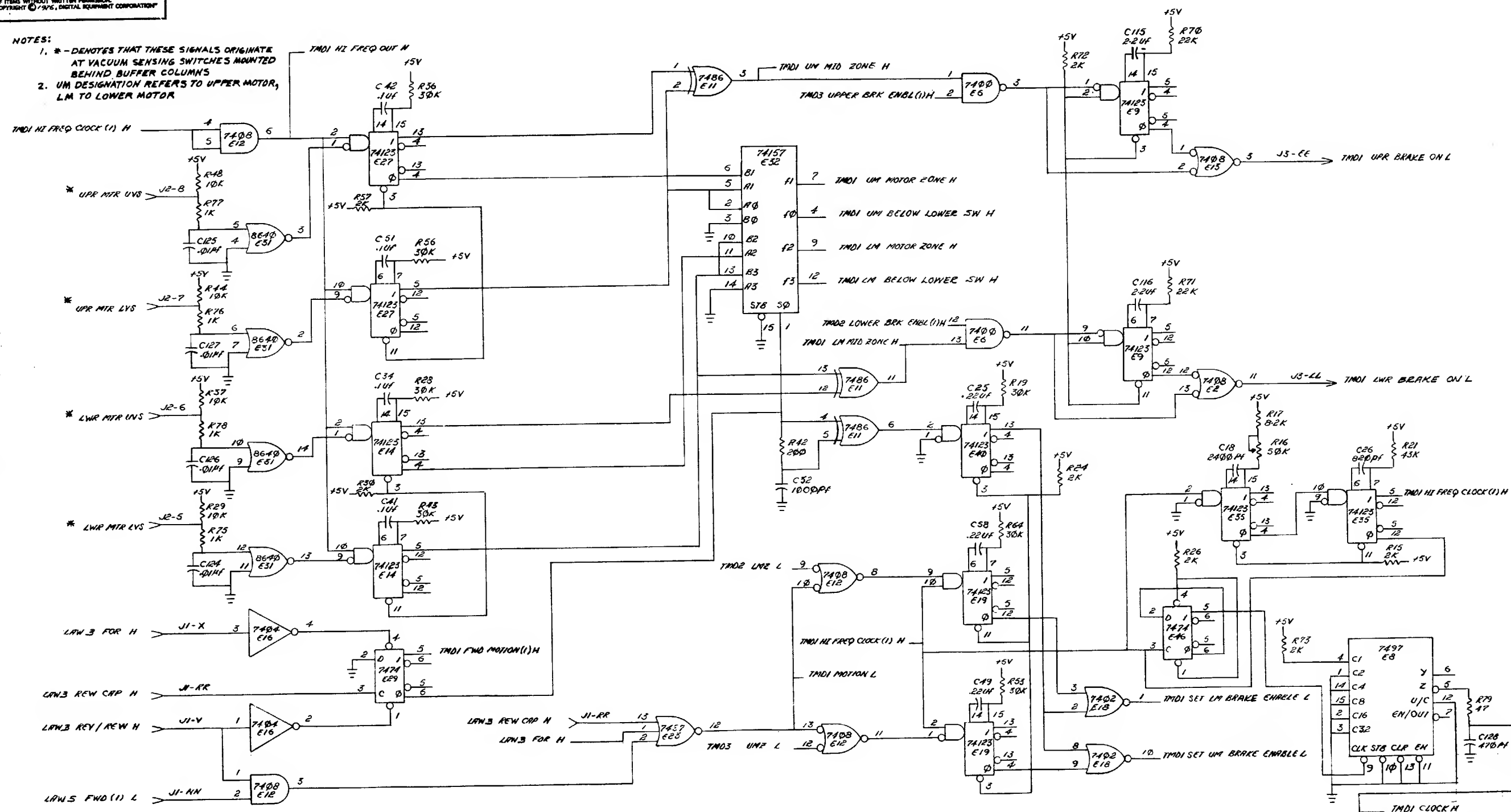
DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION										NOTES:			
PARTS LIST														USED ON OPTION / MODEL			
MADE BY DAVID BEAUREGARD		CHECKED P. Bossman		SECTION 1													
DATE 15 Oct 76		DATE 18 Oct 76															
ENG H. Funder		PROD Gordon R. Killard		ISSUED SECTION 1													
DATE 11.22.76		DATE 23 NOV '76															
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION												REF DESIGNATION		
32		13-02388-00	RES 2K 1/4W 5%	18											R192 thru R209		
33		13-03177-00	RES 2.4K 1/4W 5%	1											R66		
34		13-00439-00	RES 3.3K 1/4W 5%	18											R157 thru R173, R89		
35		13-13349-00	RES 33K 1/4 10%	18											R19 thru R29, R30, R31 thru R36		
36		13-00447-00	RES 4.7K 1/4W 5%	1											R70		
37		13-00479-00	RES 10K 1/4W 5%	12											R71 thru R81, R90		
38		13-01775-00	RES 820 5%	18											R89, R157 thru R173		
39		13-01317-00	RES 10 1/4W 5%	2											R69, R37		
40		13-09143-08	RES 2K POT	9											R56 thru R63, R86		
41		13-03179-00	RES 2.2K 1/4W 5%	9											R38 thru R46		
42		12-13335-00	CONNECTOR, 20 PIN	1											J1		
43		13-00295-00	RES 330 1/4W 5%	19											R47, R88, R91, R106, R111, R116, R120, R126, R131, R136, R141, R146, R246, R250, R253, R256, R259, R262, R265		
44		13-00391-00	RES 1.5K 1/4W 5%	1											R65		
45		13-00444-00	RES 3.9K 1/4W 5%	1											R67		
46		13-02177-00	RES 47K 1/4W 5%	1											R68		
47		90-06732-00	EYELET	10													
48		12-10711-05	HANDLE, HEX	1													
49		9009185	JUMPER WIRE	45											W1 thru W45		
ECO. NO.																	
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[illegible]



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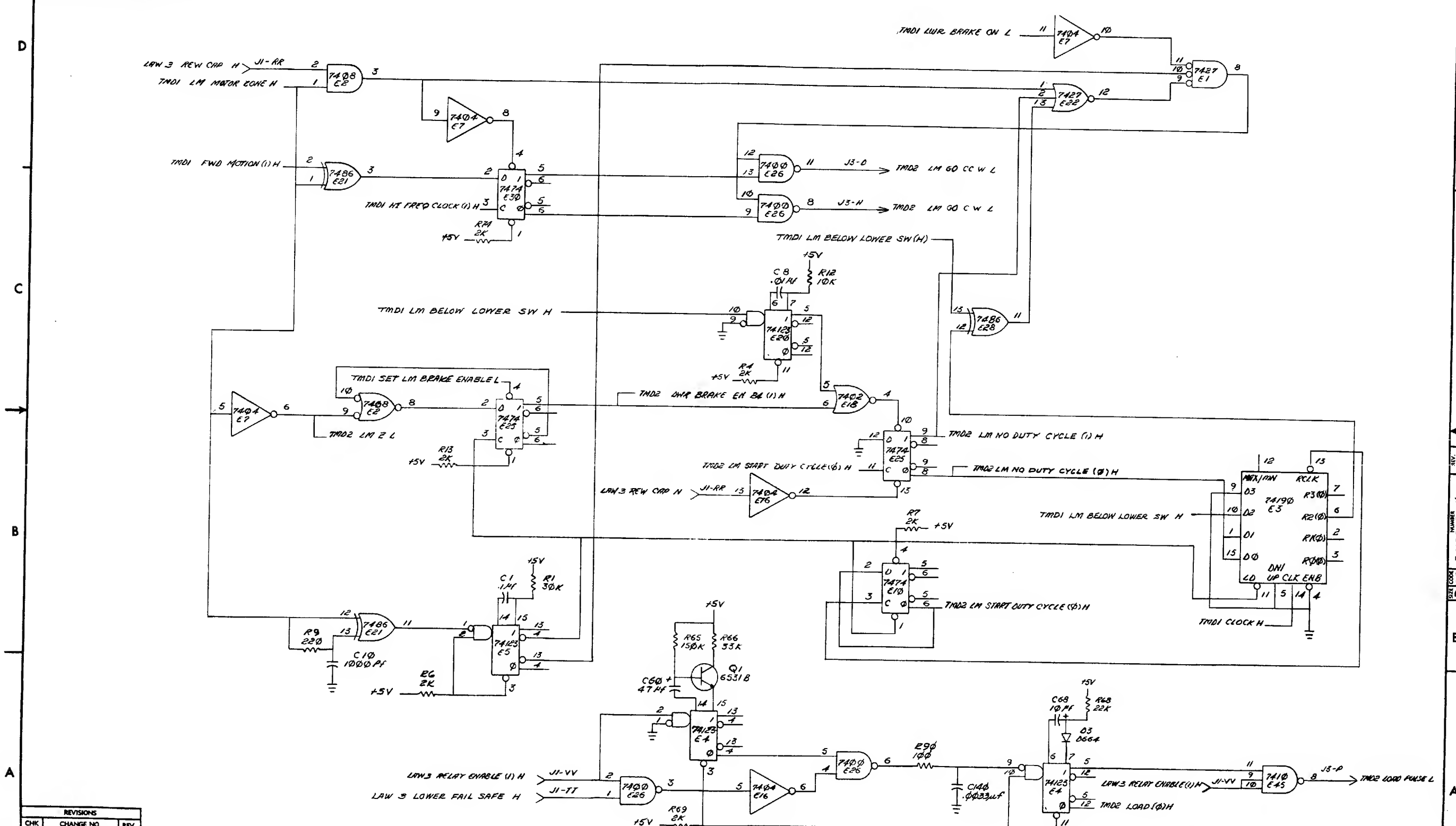
- NOTES:
1. * - DENOTES THAT THESE SIGNALS ORIGINATE AT VACUUM SENSING SWITCHES MOUNTED BEHIND BUFFER COLUMNS
 2. UM DESIGNATION REFERS TO UPPER MOTOR, LM TO LOWER MOTOR



DRN. <i>7-6-76</i>	FIRST USED ON			H 607	digital
CHKT. <i>3/14/77</i>	TITLE				
ENR. <i>3/14/77</i>	TAPE MOTION (IMD)				
PROJ. ENG. <i>3/14/77</i>	DAUGHTER BOARD				
PROD. <i>3/14/77</i>					
NEXT HIGHER ASSY.					
B-D-5412262-00		SIZE	CODE	NUMBER	REV
SCALE NONE		D	CS	5412262-01	9
SHEET	OF 4	DIST.			

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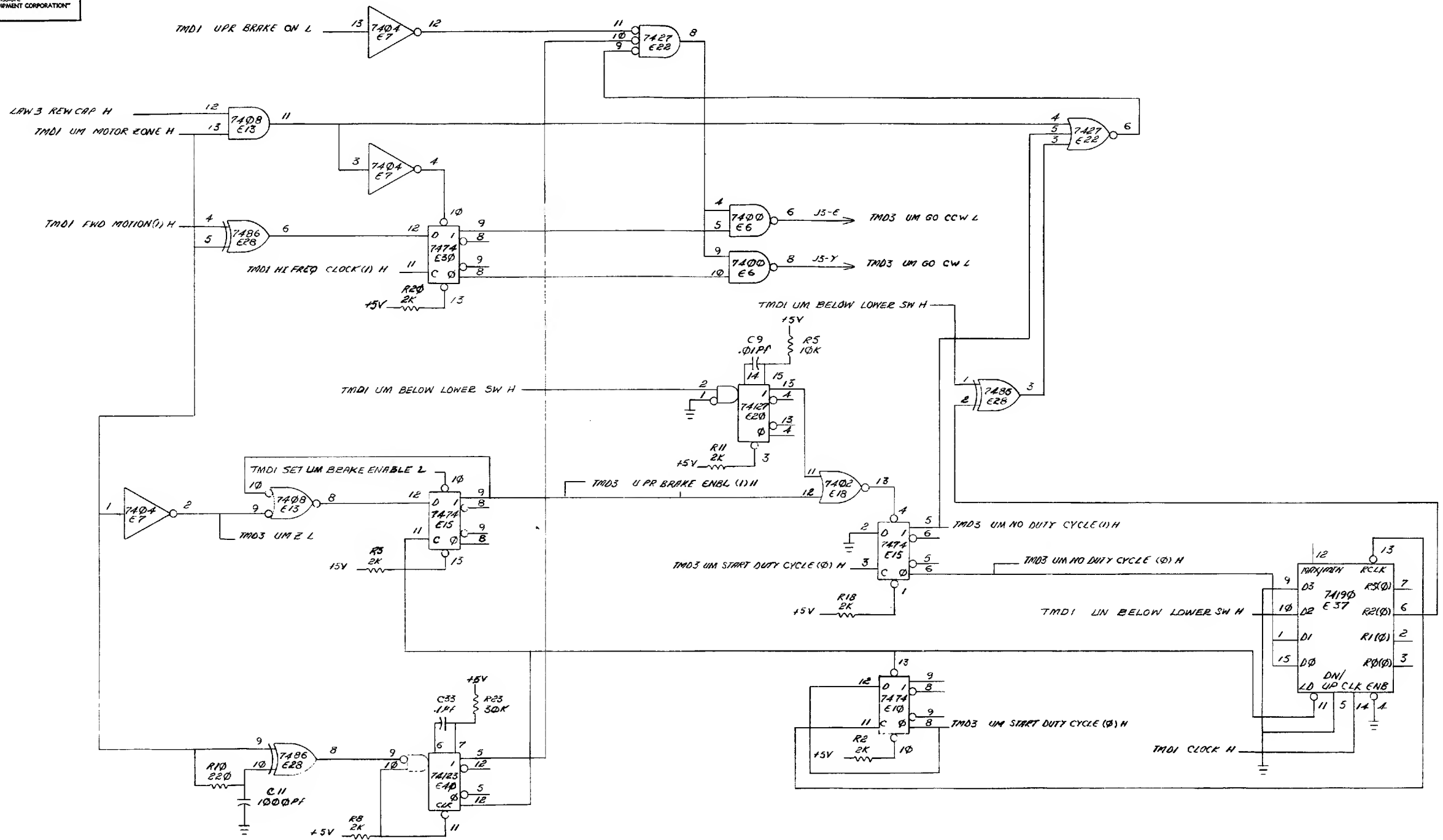
DCS 5412262-0-1 2



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE TAPE MOTION (TMD2) DAUGHTER BOARD
 SCALE NONE SHEET 2 OF 4
 NUMBER DCS 5412262-0-1
 REV. B

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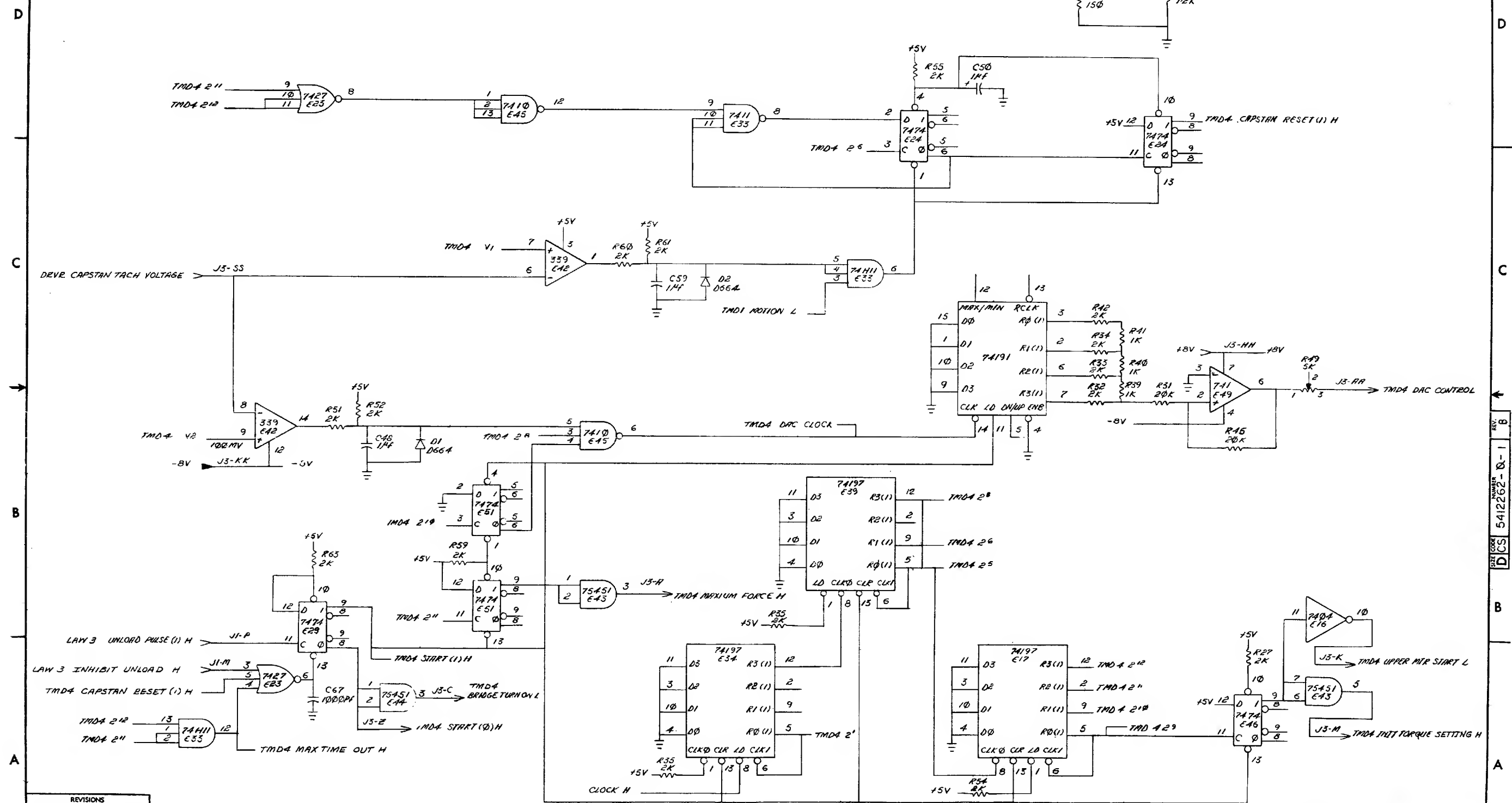


REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		TAPE MOTION (TMD3) DAUGHTER BOARD	SIZE CODE	D	CS	5412262-0-1	NUMBER	5412262-0-1	REV.	B
SCALE		NONE	SHEET		3 OF 4		DIST.		1	

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REV. 1-0-1
NUMBER 5412262-0-1
SIZE CODE DCS



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE TAPE MOTION (TMD4) DAUGHTER BOARD
SCALE NONE SHEET 4 OF 4
NUMBER 5412262-0-1
REV. B



- SEE NOTE 1

SIGNATURES		DATE		digital	
DRN. R. SULLIVAN		10-2-72			
CHK D. J. Greenman		10-19-72			
ENG. [Signature]		3 JAN 72		TITLE TAPE MOTION	
PROJ. ENG. [Signature]		3 JAN 72		DAUGHTER BOARD	
PROD. [Signature]		3 JAN 72			
SCALE 2/1		SIZE CODE		NUMBER	
SHT. 1 OF 3		0 UA		5412262-0-0	
NEXT HIGH. ASSY. B-DD-5412262-0-0				REV 0	

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION												NOTES:			
PARTS LIST																USED ON: OPTION/MODEL H607			
MADE BY R. Sullivan		CHECKED <i>W. Metzger</i>		SECTION 1															
DATE 10 Oct 76		DATE 11/15/76																	
ENG <i>H. Hunt</i>		PROD <i>S. Dillard</i>		ISSUED SECTION 1															
DATE 3 Jan 77		DATE 3 JAN 77																	
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	REF													REF DESIGNATION		
	D-UA-5411262-0-0 B-DD-5411262-0 D-CS-5411262-0-1		UNIT ASSY DWG DIRECTORY CIRCUIT SCHEMATIC	REF REF REF															
1	D-MD-5011261-0-0		ETCHED CIRCUIT BOARD	1															
2		10-01610-01	CAP .01 UF 100V DISC	58													C8,C9,C70 thru C114,C117 thru C122,C123, C124 thru C127		
3		10-01776-00	CAP 1.0 UF 35V 10% TANT	3													C59,C48,C50		
4		10-00042-00	CAP 1000 PF 100V 5% DM	4													C11,C67,C52 C10		
5		10-10274-01	CAP .22 UF 50V CER	3													C25,C58,C49		
6		10-00027-00	CAP 820 PF 100V 5% DM	1													C26		
7		10-10978-36	CAP .1 UF 50V CER	6													C1, C33,C42,C51,C34,C41		
8		10-04813-00	CAP 10 UF 20V 10% TANT	1													C68,		
9		10-04814-00	CAP 47 UF 20V TANT	1													C60		
10		10-02627-00	CAP 2.2 UF 20V 10% MYLAR	2													C115,C116		
11		12-09941-03	LATCH, LEFT FOR ANG HEADER	2															
12		11-00114	DIODE D664	3													D1,D2,D3		
13		12-09941-04	LATCH, RIGHT FOR ANG HEADER	2															
14		12-09941-02	CONN 40 PIN BERG	2													J1,J3		
15		12-09340	CONN MATE-N-LOK 8 PIN	1													J2		
16		12-09456-01	CONTACT (SOCKET TERMINAL)	8															
ECO. NO.																			
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EN 01140A-16 R276(325)				DRB 125				SHEET 1 OF 4				INSERTION PARTS LIST DATA BASE REV 5							

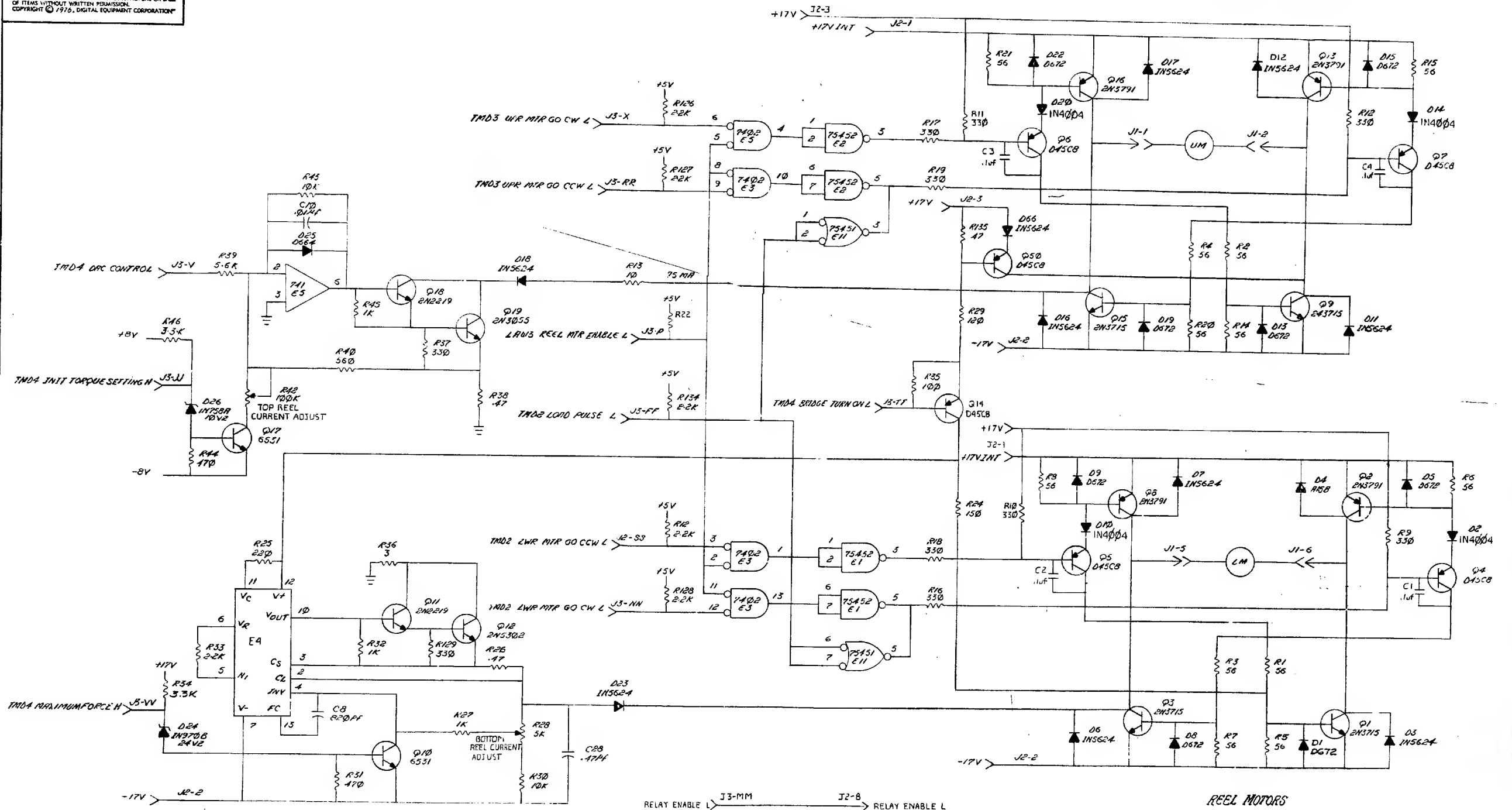
DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION										NOTES:	
PARTS LIST														USED ON: OPTION/MODEL H607	
MADE BY R. Sullivan		CHECKED <i>J. Metzger</i>		SECTION 1											
DATE 10 OCT 76		DATE 11/15/76													
ENG <i>H. Smith</i>		PROD <i>E. Dillard</i>		ISSUED SECTION 1											
DATE 3 Jan 77		DATE 3 JAN 77													
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION												REF DESIGNATION
17		13-04838	RES 43K 1/4W 5%	1											R21
18		13-02394	RES 30K 1/4W 5%	9											R1,R19,R23,R53,R64,R28,R36,R43,R56
19		13-00229-00	RES 100 1/4W 5%	1											R90
20		13-00250	RES 150 1/4W 5%	1											R58
21		13-02388	RES 2K 1/4W 5%	34											R2,R3,R6,R8,R15,R20,R24,E25,R26,R30,R32, R4,R7,R11,R13,R18,R27,R55,R59,R63,R72,R69, R73,R33,R34,R35,R42,R51,R52,R54,R57,R60, R61,R74
22		13-03179	RES 8.2K 1/4W 5%	1											R17
23		13-00479	RES 10K 1/4W 5%	6											R5,R12,R29,R37,R44,R48
24		13-02466	RES 100K 1/4W 5%	1											R62
25		13-04839	RES 51K 1/4W 5%	1											R50
26		13-02391	RES 20K 1/4W 5%	2											R31, R45
27		13-01320	RES 1.2 1/4W 5%	1											R46
28		13-00365	RES 1.0K 1/4W 5%	7											R39,R40,R41,R75,R76,R77,R78
29		13-00271	RES 220 1/4W 5%	3											R9,R10,R47
30		13-02396	RES 150K 1/4W 5%	1											R65
31		13-00510	RES 33K 1/4W 10%	1											R66
32		13-01808	RES 22K 1/4W 5%	3											R68,R70,R71
33		13-00202	RES 47 1/4W 5%	1											R79

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	PERMISSION COPYRIGHT © 1976 DIGITAL EQUIPMENT CORPORATION			SHEET 2 OF 4	INSERTION PARTS LIST DATA BASE REV B			
	EN 01140A-16 R276(325)			DRB 125				

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION												NOTES:			
PARTS LIST																USED ON: OPTION/MODEL H607			
MADE BY R. Sullivan		CHECKED <i>John Metzger</i>		SECTION 1															
DATE 10 Oct 76		DATE 11/15/76																	
ENG <i>H. Dink</i>		PROD <i>H. Dillard</i>		ISSUED SECTION 1															
DATE 3 Jan 77		DATE 3 JAN 77																	
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION													REF DESIGNATION			
34		13-09150-06	POT 50K 1/2W 10% (ROUND)	1												R16			
35		13-09150-04	POT 5K 1/2W 10% (ROUND)	1												R49			
36		90-06693	WASHER 3/8 DIW.	2															
37		15-09338	TRANS DEC 6531B	1												Q1'			
38		19-12108	I.C LM339	1												E42			
39		19-10436	I.C 74123	9												E40,E19,E27,E35,E14,E20,E9,E4,E5			
40		19-05547	I.C. 7474	8												E51,E46,E29,E30,E24,E25,E15,E10			
41		19-10155	I.C. 7408	3												E12,E13,E2			
42		19-09686	I.C. 7404	2												E16,E7			
43		19-10011	I.C. 7486	3												E28,E21,E11			
44		19-05575	I.C. 7400	2												E26,E6			
45		19-09004	I.C. 7402	1												E18			
46		19-10878	I.C. 7427	3												E22,E23,E1			
47		19-10096	I.C. 74191	1												E50			
48		19-10655	I.C. 74157	1												E32			
49		19-10298	I.C. 741	1												E49			
50		19-11195	I.C. 7497	1												E8			
51		19-10035	I.C. 74197	3												E39,E34,E17			
52		19-05576	I.C. 7410	1												E45			
ECO. NO.																			
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EN 01140A-16 R276(325)				DRB 125				SHEET 3 OF 4				INSERTION PARTS LIST DATA BASE REV B							

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION												NOTES:			
PARTS LIST																USED ON: OPTION / MODEL H607			
MADE BY D. Sullivan		CHECKED <i>John Nutgger</i>		SECTION 1															
DATE 10 OCT 76		DATE 11/15/76																	
ENG <i>W. Shub</i>		PROD <i>H. Dillard</i>		ISSUED SECTION 1															
DATE 3 Jan 77		DATE 3 JAN 77																	
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION														REF DESIGNATION		
53		19-10406	I.C. 75451	2													E43,E44		
54		19-10095	I.C. 74190	2													E37,E3		
55		19-09267	I.C. 74H11	1													E33		
56		91 07252-02	SLEEVING	A/R															
57		91 05740-55	WIRE, #30 AWG, GRN	A/R															
58		10 11740-01	CAP. .0033 UF, 50V, 10% CER	1													C140		
59		90-06745	EYELET	2															
60		19-11469	I.C. 8640	1													E31		
61		10-00024-00	CAP 470 PF 100V 5% DM	1													C128		
62		10-01636-00	CAP 2400 PF 100V 5% DM	1													C18		
C																			
E.C.O. NO.																			
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				SHEET 4 OF 4				INSERTION PARTS LIST DATA BASE REV 5											

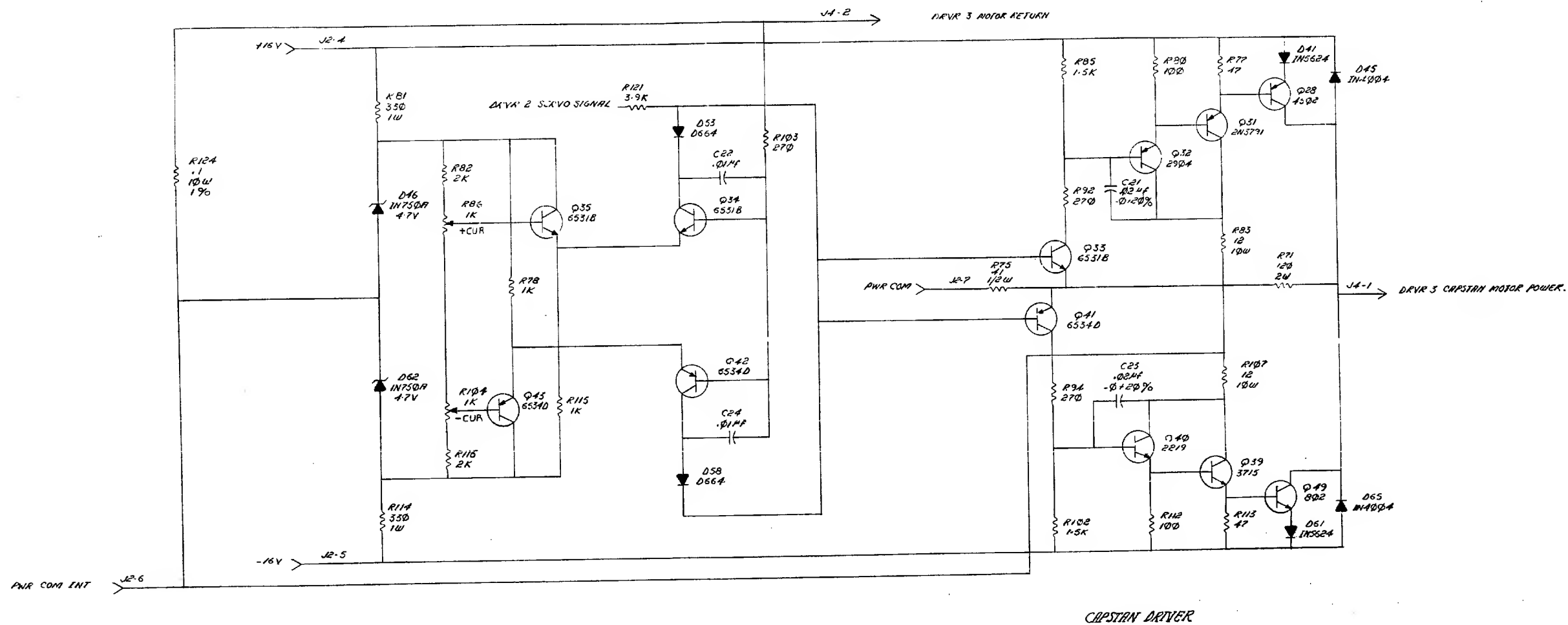
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REV.	CHG.	DATE	BY	CHK.
1	5412264-00001	8/1/78	STEVE A. TOLSON	8/1/78
2	5412264-00002	8/1/78	H. DRAB	8/1/78
3	5412264-00003	8/1/78	H. DRAB	8/1/78
4	5412264-00004	8/1/78	H. DRAB	8/1/78
5	5412264-00005	8/1/78	H. DRAB	8/1/78
6	5412264-00006	8/1/78	H. DRAB	8/1/78
7	5412264-00007	8/1/78	H. DRAB	8/1/78
8	5412264-00008	8/1/78	H. DRAB	8/1/78
9	5412264-00009	8/1/78	H. DRAB	8/1/78
10	5412264-00010	8/1/78	H. DRAB	8/1/78
11	5412264-00011	8/1/78	H. DRAB	8/1/78
12	5412264-00012	8/1/78	H. DRAB	8/1/78
13	5412264-00013	8/1/78	H. DRAB	8/1/78
14	5412264-00014	8/1/78	H. DRAB	8/1/78
15	5412264-00015	8/1/78	H. DRAB	8/1/78
16	5412264-00016	8/1/78	H. DRAB	8/1/78
17	5412264-00017	8/1/78	H. DRAB	8/1/78
18	5412264-00018	8/1/78	H. DRAB	8/1/78
19	5412264-00019	8/1/78	H. DRAB	8/1/78
20	5412264-00020	8/1/78	H. DRAB	8/1/78

DRN. 5412264-00001	1/1/78	FIRST USED ON	H607
CHK. 5412264-00001	8/1/78	TITLE	TAPE MOTION POWER BOARD
ENG. 5412264-00001	8/1/78	SCALE	NOTES
PROJ. ENG. 5412264-00001	8/1/78	SIZE	D
PROD. 5412264-00001	8/1/78	CODE	CS 5412264-0-1
NEXT HIGHER ASSY.		NUMBER	1
SCALE	NOTES	REV.	E
SHEET 1 OF 4			

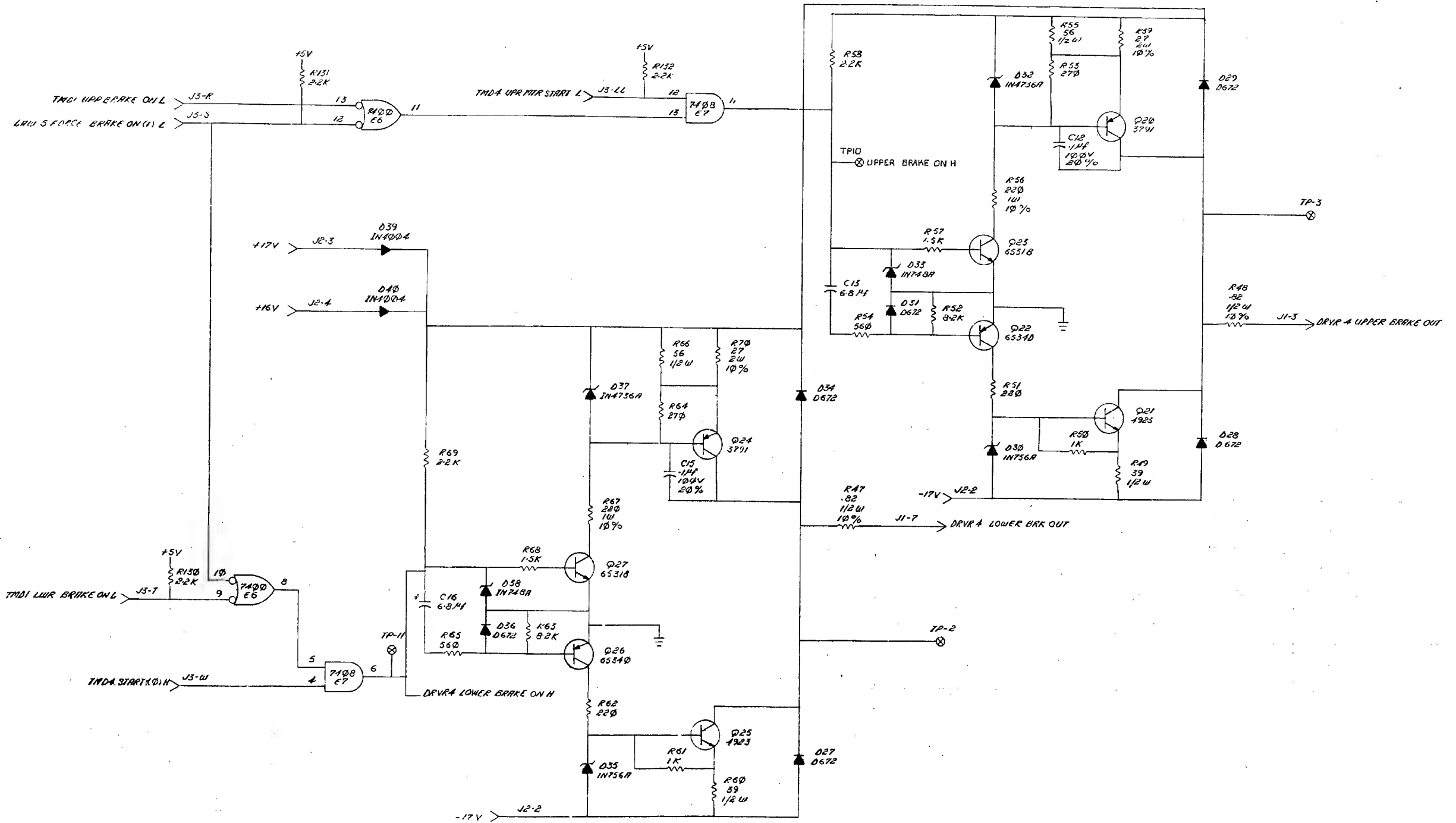
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REVISIONS		
CHK	CHANGE NO.	REV.

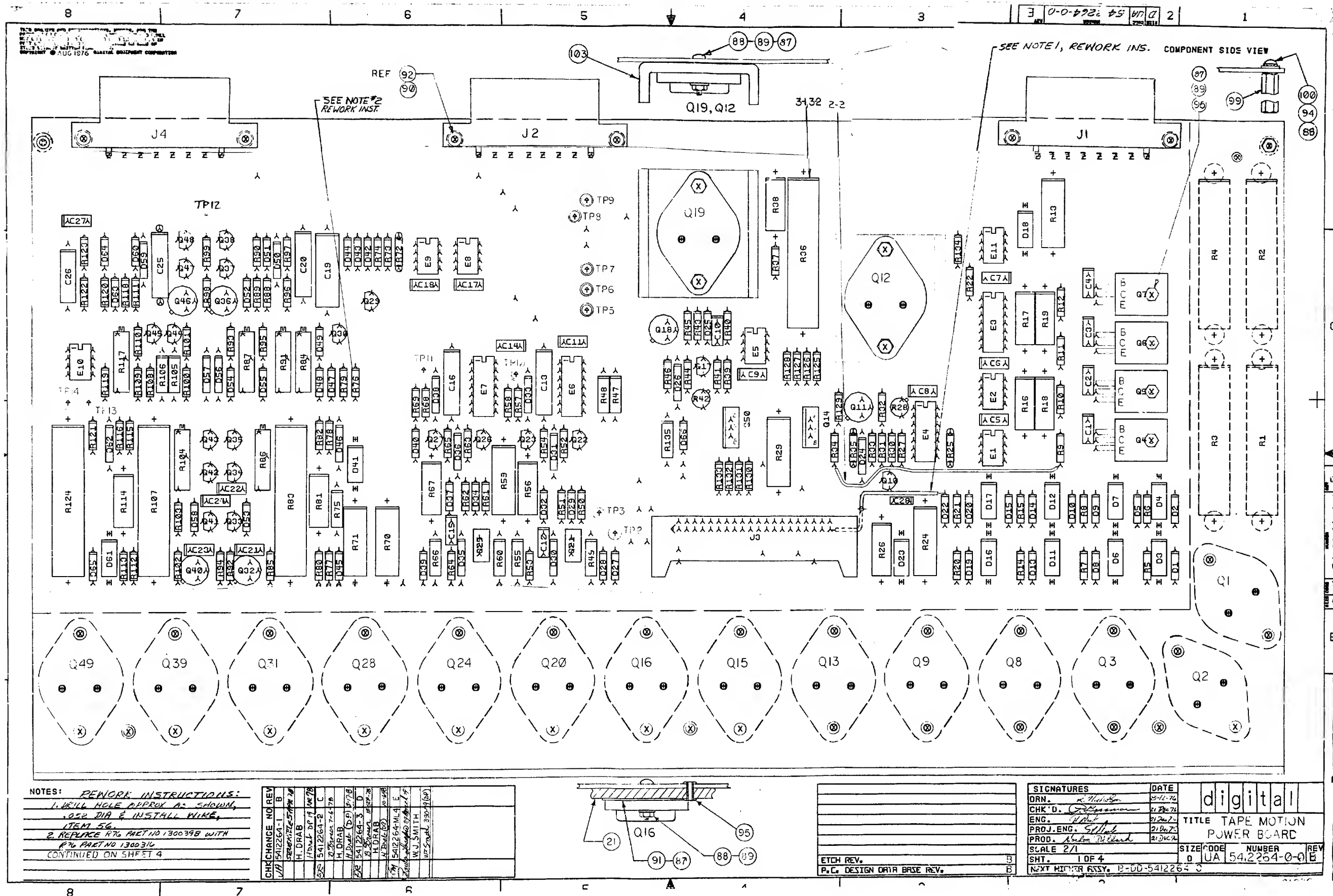
TITLE TAPE MOTION (DRVR3) POWER BOARD		SIZE CODE DCS	NUMBER 5412264-0-1	REV. E
SCALE 1/1	SHEET 3	OF 4	DIST. 1	

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REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		SIZE CODE	NUMBER	REV.
TAPE MOTION POWER BOARD (DRVR4)		DCS	5412264-0-1	E
SCALE	SHEET	OF	DIST	
1/1	4	4		



AUTOMATED BY PRILST,2D(16)

P A R T S L I S T

SHEET A1 OF A3

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
					00	
1	1	D-MD-5012263-0-0	5012263-00	54-12264	1	
2	2		1000049-00	.027 MFD 100V 10% 663UW MYLR	1	C26
3	3		1010279-00	.47 MFD 25V 20% 2C023 CER.	1	C28
4	4		1000086-00	180 MFD 6V 20% 150D S.TA	1	C19
5	5		1010978-36	.1 MFD 50V 10% 2C067 CER	6	C1-C4,C12,C15
6	6		1001610-01	.01 MFD 100V -20+80 Z5U DISC	12	C5-C7,C9-C11,C14,C17,C18,C22,
7	7		1005306-00	6.8MFD 35V 10% 8.TANT	4	CONT C24,C27
8	8		1000004-00	.02 MFD 100V 20% Z5U DISC	2	C13,C16,C20,C25
9	9		1000027-00	820.0 MMF 100V 5%200PPM DM15S	1	C21,C23
10	10		1100114-00	D 664 QS\75PCB PIV= 25V SP	15	C8
11	11		1100122-00	1N 748A VZ= 3.9 5%	2	CONT D25,D42=D44,D47-D49,D51-D55,D58,
12	12		1100124-00	1N 750A VZ= 4.7 5% .40W P	6	D60,D63
13	13		1105796-00	1N 4004 PIV=400 I= 1A D041 SP	9	D33,D38
14	14		1103340-00	1N 4736A VZ= 6.8 5% 1W Y	2	CONT D46,D50,D56,D57,D59,D62
15	15		1103441-00	1N 756A VZ= 8.2 5% .40W P	2	D39,D40,D45,D65,D66,D2,D10,D14,
16	16		1105275-00	D 672 TR= 15NS PIV= 60V SI	15	D20
17	17		1110856-00	1N 970B VZ= 24.0 5% .40W Y	1	CONT D32,D37
18	18		1209340-00	MATE-N-LOK 8PIN,HOUSING,SKT	3	D30,D35
19	19		1209456-01	MATE-N-LOK SKT PCB TAB LOOSE	24	D1,D5,D8,D9,D13,D15,D19,D22,
20	20		1209941-02	HEADER 100 40POS RT ANGLE	1	CONT D27-D29,D31,D34,D36,D64
21	21		7411390-00	BRKT SERVO BRD-TU16	1	D24
22	22		1300202-00	47 1/4W 5% CC	2	J1,J2,J4
23	23		1309995-00	56 1/2W 5% CC	2	J3
24	24		1300229-00	100 1/4W 5% CC	3	R77,R113
25	25		1300271-00	220 1/4W 5% CC	3	R55,R66
						R35,R80,R112
						R25,R51,R62

REVISION HISTORY			BASIC PART NO: 5412264			D I G I T A L										
ENG	ECO NUMBER	REV	SECTION A OF A		DRN: P. BOSSMAN	DATE: 30-JUN-78	TITLE					PARTS LIST				
E.R	00002	C	SECTION VARIATION INDEX		CHK'D: P. BOSSMAN	DATE: 30-JUN-78	TAPE MOTION POWER BOARD									
ER	00003	D	[A] 00													
D.P	5412264-ML004	E	[B]		DES.ENG: H. DRAB	DATE: 30-JUN-78										
			[C]													
			[D]													
			[E]		RESP.ENG.: H. DRAB	DATE: 30-JUN-78	DOCUMENT NUMBER									
			[F]													
			[G]													
			[H]													
			[I]		MFG.ENG.: G. DILLARD	DATE: 30-JUN-78	K	PL	5412264-0-DBP					REV		
			[J]													
			[K]													
			[L]													
			[M]		ASSEMBLY NUMBER:		FILE NAME:									
			[N]		D-UA-5412264-0-0		E0456E.PLS									
							EDIT #									
							9									

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LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
				00	
26	26	1300277-00	220 1W 10%	CC 2	R56,R67
27	27	1300285-00	270 1/2W 5%	CC 2	R105,R106
28	28	1300295-00	330 1/4W 5%	CC 6	R90R12,R37,R129
29	29	1300297-00	330 1W 5%	CC 6	R160R19,R01,R114
30	30	1300316-00	470 1/4W 5%	CC 3	R31,R44,R76
31	31	1305258-00	.47 2W 5%	WW 2	R26,R30
32	32	1300365-00	1 K 1/4W 5%	CC 14	R27,R32,R45,R50,R61,R70,R80, CONT R950R99,R111,R115
33	33	1300391-00	1.5 K 1/4W 5%	CC 7	R57,R60,R73,R85,R101,R102,R110
34	34	1300417-00	2.2 K 1/4W 5%	CC 14	R22,R33,R00,R69,R122,R1250R120, CONT R1300R134
35	35	1300439-00	3.3 K 1/4W 5%	CC 2	R34,R46
36	36	1300444-00	3.9 K 1/4W 5%	CC 3	R72,R100,R121
37	37	1300479-00	10 K 1/4W 5%	CC 4	R30,R43,R74,R123
38	38	1300398-00	*** THIS ITEM IS NOT USED ***	-	
39	39	1300496-00	15 K 1/4W 5%	CC 3	R41,R89,R110
40	40	1301327-00	68 K 1/4W 5%	CC 1	R119
41	41	1301522-00	27 1/4W 5%	CC 2	R90,R120
42	42	1301423-00	6.8 K 1/4W 5%	CC 2	R93,R100
43	43	1301642-00	.82 2W 10%	WW 2	R47,R40
44	44	1315841-00	3.0 10W 5%	WW 1	R36
45	45	1300257-00	150 2W 5%	CC 1	R24
46	46	1301874-00	5.6 K 1/4W 5%	CC 1	R39
47	47	1301890-00	560 1/4W 5%	CC 3	R40,R54,R65
48	48	1301972-00	270 1/4W 5%	CC 5	R53,R64,R92,R94,R103
49	49	1302336-00	39 1/2W 5%	CC 2	R49,R60
50	50	1302391-00	20 K 1/4W 5%	CC 1	R79
51	51	1302398-00	470 K 1/4W 5%	CC 1	R100
52	52	1300172-00	10 2W 10%	CC 1	R13
53	53	1302602-00	56 1/4W 5%	CC 8	R50R0,R14,R15,R20,R21
54	54	1301695-00	47 1/2W 5%	CC 2	R75,R135
55	55	1302388-00	2 K 1/4W 5%	CC 2	R02,R116
56	56	9107688-55	WIRE(WRAP)24AWG UL1327	A/R	
57	57	1303179-00	8.2 K 1/4W 5%	CC 2	R52,R63
58	58	1303282-00	120 2W 5%	CC 2	R29,R71
59	59	1305396-00	56 10W 1%	WW 4	R10R4
60	60	1305400-00	12 10W 5%	WW 2	R03,R107
61	61	1305624-00	27 2W 10%	CC 2	R59,R70
62	62	1309108-00	.1 10W 1%	WW 1	R124
63	63	1309150-14	100.0 K 1/2W20% POT	1	R42
64	64	1309143-07	1 K 3/4W10% POT 100PPM	2	R06,R104
65	65	1309143-09	5 K 3/4W10% POT 100PPM	1	R04
66	66	1309143-10	10 K 3/4W20% POT 100PPM	2	R07,R91
67	67	1309143-12	25 K 3/4W20% POT 100PPM	1	R117
68	68	1501742-00	DEC2904 PNP 600MW SI 40 40 P	2	G32,Q46
69	69	1501881-00	DEC2219 NPN 3WC SI 30100	4	G11,Q18,Q36,Q40
70	70	1505819-00	2N 3055 NPN 115WC SI 60 20 Y	1	Q19

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							TAPE MOTION POWER BOARD		K	PL	5412264-0-DBP	E

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					00		
71	71		1503068-00	DEC3715 NPN 150WC SI 60 50 Y	5		Q1,Q3,Q9,Q15,Q39
72	72		1503409-00	DEC6534D PNP 310MW SI 40 90	10		Q22,Q26,Q29,Q30,Q37,Q41-Q43,Q45,Q48
73	73		1509338-00	DEC6531B NPN 310MW SI 40 90 P	10	CONT	Q10,Q17,Q23,Q27,Q33-Q35,Q38,Q44,Q47
74	74		1509581-00	2N 3791 PNP 150WC SI 60 30 M	7	CONT	Q2,Q8,Q13,Q16,Q20,Q24,Q31
75	75		1509604-00	DEC4923 NPN 30WC SI 80 20 M	2		Q21,Q25
76	76		1510334-00	DEC4502 PNP 200WC SI 90 25 Y	1		Q28
77	77		1510335-00	DEC 802 NPN 200WC SI 90 25 N	1		Q49
78	78		1510590-00	DEC45C8 PNP 27WT SI 60 20 Y	6		Q4-Q7,Q14,Q50
79	79	THIS ITEM IS UNUSED			0		
80	80		1510196-00	2N 5302/HSNPN 200WC SI 60 40 M	1		Q12
81	81		1905575-00	7400 NAND GATE-QUAD 2IN	1		E6
82	82		1910155-00	DEC 7408 AND GATE,POS,QU/ 2I	1		E7
83	83		1910298-00	741 OP AMP GEN PURP. COM	2		E5,E10
84	84		9007201-00	TRANSIPADS #10253	6		
85	85		1910415-00	723 VOLT.REG.VAR 2/+3	1		E4
86	86		1910645-00	75452 DRIVER,PERIPH,DUAL,	4		E1,E2,E8,E9
87	87		9008268-00	COMPOUND, THERMAL JOINT	8	A/R	
88	88		9006012-04	SCREW,BIND,SLOT, 4-40X 7/16	34		
89	89		9006557-00	NUT,KEP , 4-40X 1/4 AF	36		
90	90		9006706-00	WASHER, NYLON, FLAT #4 .375 OD	6		
91	91		9006721-00	WASHER, SPECIAL INSULATING, #294	14		
92	92		9006745-00	EYELET, ROLLED FLANGE, .120 OD X	6		
93	93		9007791-00	TERM PCB 2POS SOLDER,TURRET	12		TP2,TP3,TP5-TP14
94	94		9006632-00	WASHER,LOCK,INT,.260OD X .120ID	2		
95	95		9006746-00	EYELET, ROLLED FLANGE, .121 OD X	4		
96	96		9006010-04	SCREW,BIND,SLOT, 4-40X 5/16	4		
97	97		1110420-00	1N 5624 PIV=200 I= 5A	12		D3,D4,D6,D7,D11,D12,D16-D18,D23,D41,D61
98	98		1100125-00	1N 758A VZ= 10.0 5% .40W PPE	1	CONT	D26
99	99		9007265-00	SPACER, HEX, ALUM. 4-40, .187 X	2		
100	100		9006655-00	WASHER, FLAT, .312 O.D. X .125 I	2		
101	101	THIS ITEM IS UNUSED			0		
102	102		1309150-04	5 K 1/2W20% POT 100PPM	1		R28
103	103		7417136-00	HEAT SINK (H607)	2		
104	104	D-CS-5412264-0-1		CIRCUIT SCHEMATIC	REF		
105	105		1910406-00	75451 DRIVER,PERIPH,DUAL,	1		E11
106	106		1909004-00	DEC 7402 NOR GATE-QUAD 2IN	1		E3
107	107		9105740-55	WIRE(WRAP)30AWG UL1423	A/R		
108	108	D-UA-5412264-0-0		UNIT ASSEMBLY	REF		

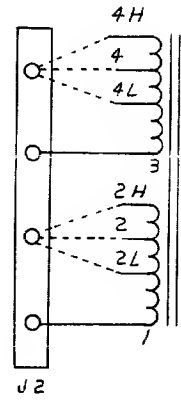
D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							TAPE MOTION POWER BOARD		K	PL	5412264-0-DBP	E

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NOTES:

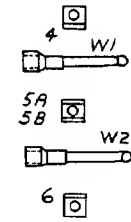
1. $F2 = 6 \frac{1}{4}$ AMP SB FOR 125V/60 CYCLE OPERATION. USE LITTEL FUSE P/N 313625.
 $F2 = 4$ AMP SB FOR 250 V/50 CYCLE OPERATION.
2. ALL 5 TRANSISTORS, Q5 - Q8, Q10 ARE TO HAVE #10 AWG TUBING, $\frac{5}{16}$ " LONG, ON 4-40 SCREWS THAT HOLD TRANSISTORS TO HEAT-SINK.
3. THERMAL COMPOUND TO BE APPLIED BETWEEN HEAT SINK AND DIODES D9, D11, D12, Q5-Q8, Q10, AND D15.
4. USE ONLY BUSS SLD-BLOW FUSE MDX5 PART #9009791.
5. INSTALL #4 LOCKWASHERS (ITEM 107) UNDER THE HEAD OF ALL SCREWS USED TO SECURE Q5-Q8 AND Q10. TORQUE HARDWARE TO 5.5 IN. LBS. PART #9008033-1 SHOULD BE USED IN PLACE OF ITEM 18 (9006013-1) ON Q5, Q6, Q7, Q8 AND Q10 TRANSISTORS HAVING EXTRA THICK FLANGES.

VOLTAGE RANGE 50-60 CPS	TRANSFORMER PRIMARY TAPS
95 TO 105 195 TO 210	1 AND 2L; 3 AND 4L
105 TO 120 210 TO 240	1 AND 2; 3 AND 4
120 TO 132 240 TO 264	1 AND 2H; 3 AND 4H



SEE NOTE 1

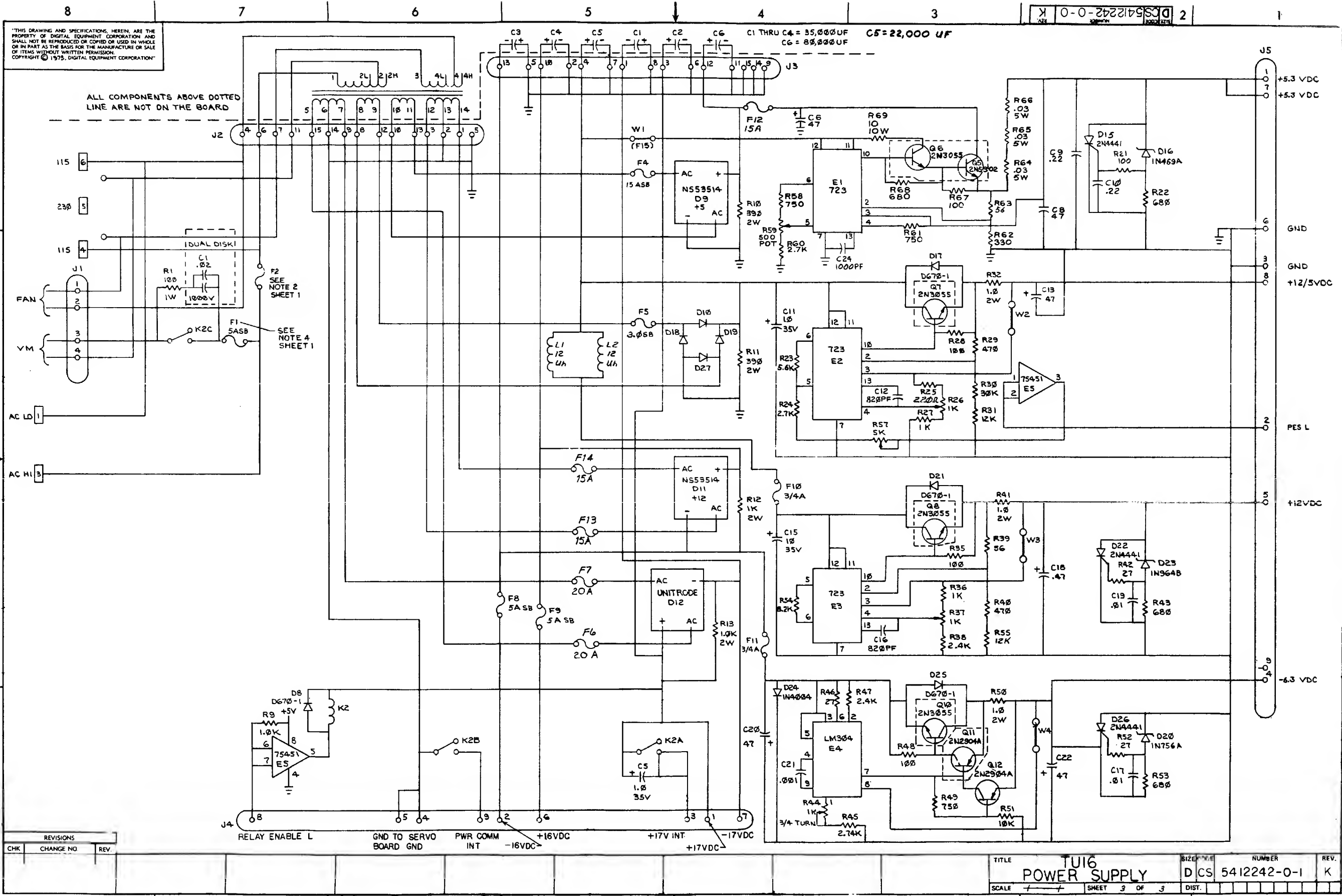
VOLTAGE (NOMINAL) INPUT	W1 CONN	W2 CONN
115V 50-60 CPS	4	6
230V 50-60 CPS	5A	5B



IC TYPE	IC PIN LOCATIONS
75451	4 8
IC TYPE	GND +5V
GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY EXCEPTIONS ARE STATED ABOVE	

QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
3	R37, R26, R44	RES 1K POT	1309150-03	55
2	R39, R63	RES 56 $\frac{1}{4}$ W 5%	1302602	56
2	R38, R47	RES 2.4K $\frac{1}{4}$ W 5%	1303177	57
1	R45	RES 2.74K $\frac{1}{4}$ W 1%	1304868	58
3	R41, R50, R32	RES 1 2W 5% WW	1305428	59
1	R51	RES 10K $\frac{1}{4}$ W 5%	1300479	60
1	R54	RES 8.2K $\frac{1}{4}$ W 5%	1303179	61
3	R49, R58, R61	RES 750 $\frac{1}{4}$ W 5%	1301401	62
1	R57	RES 5K POT	1309150-4	63
1	R59	RES 500 POT $\frac{1}{2}$ W 10%	1309150-8	64
1	R62	RES 330 $\frac{1}{4}$ W 5%	1300295	65
3	R66, R65, R64	RES .03 5W 3%	1310876-01	66
2	R65, R64	RES .05 5W 3%	1310876-03	67
5	R21, R28, R35, R48, R67	RES 100 $\frac{1}{4}$ W 5%	1300229	68
1	R69	RES 10 10W 10%	1300173	69
3		WASHER, LOCK, INTERNAL	9006233	70
4		SPACER, ROUND FIBRE #6-32	9009556	71
3		SCREW PAN HD #6-32 x $\frac{1}{4}$	9006020-1	72
1	Q5	TRANSISTOR 2N5302	1510196	73
4	Q6, Q7, Q8, Q10	TRANSISTOR 2N3055	1505819	74
2	Q11, Q12	TRANSISTOR 2N2904A	1501913	75
3	D15, D22, D26	SCR 2N4441	1505867	76
3	E1, E2, E3	I.C. DEC 723	1910415	77
1	E4	I.C. LM304	1911555	78
1	E5	I.C. DEC 75451	1910406	79
3	W2, W3, W4	JUMPER INSULATED (#)	9009185	80
1	F2	FUSE 6 $\frac{1}{4}$ A SB	9007223	81
1	F2	FUSE 4A SB	9007220	82
1	F4	FUSE 15A SB	9007227	83
1	F5	FUSE 3.0A SB	9007218	84
2	F6, F7	FUSE 20A	9008225	85
2	F8, F9	FUSE 5A SB	9007222	86
2	F11, F10	FUSE 3 $\frac{1}{4}$ A	9007210	87
3	F13, F14, F12	FUSE 15A (AXIAL LEAD)	1210929	88
1	F1	FUSE 5A SB (BUSS MDX5)	9009791	89
1	K2	RELAY	1210683	90
2	L1, L2	INDUCTOR 12 UH	1603358	91
6		WASHER NYLON	9006707	92
3		WASHER LOCK	9007801	93
2		ROLL PIN $\frac{3}{8}$ " LONG	9009370-00	94
8		SPLIT LUG	9006735	95
1	W1 (F15 LOCATION)	WIRE, BUSS, 22 AWG.	9107560-01	96
5	I THRU 4, 6	TAB FASTON	9008219	97
1		TAB FASTON	9007113	98
1		HEAT SINK	1210907	99
1		WASHER, FLAT	9006653	100
1		SCR, PAN HD #6-32 X $\frac{1}{2}$	9006024-1	101
1		NUT, KEPS	9008185	102
A/R		TUBING, #10 AWG $\frac{3}{16}$ LG	9107302-11	103
1	R63	RES 47 $\frac{1}{4}$ W 5%	1300202	104
A/R		CLEAR TUBING INSULATION	9107256	105
1	D12	DIODE (UNITRODE)	1113889-0	106
10		LOCKWASHER #4 INT	9006632	107
A/R		WIRE, 30 GA SOLID	9105740-55	108
1		X-Y COORDINATE HOLE LOCATION	K-CO-5412242-0-4	1
1		ASSY/DRILLING HOLE LAYOUT	D-AH-5412242-0-5	2
1		MODULE ECO HISTORY	B-MH-5412242-0-6	3
1		ETCHED CIRCUIT BOARD	5012241	4
1		EYELET	9009000	5
1		FUSE CLIP	9009513	6
1		TERMINAL	9007970	7
1		EYELET	9006746	8
1		TRANSIPAD	9007200	9
1		HEAT SINK	1210001	10
1		SPACER ROUND FIBRE	9000035-01	11
1		NUT, HEX #6-32	9008957	12
1		SCREW PAN HD #6-32 x $\frac{7}{8}$	9006027-1	13
1		SCREW PAN, HD #6-32 x $\frac{5}{8}$	9006025-1	14
1		WASHER, INSULATOR	9006721	15
1		COMPOUND THERMAL	9008268	16
1		KEP NUT #4-40	9006557	17
1		SCREW PAN HD #4-40 x $\frac{1}{2}$	9006013-1	18
1		WIRE, STRANDED 18 AWG	9107360-66	19
1		BRACKET	D-7411387-0-0	20
1		HEAT SINK	C-7411389-0-0	21
1		HEAT SINK	C-74116419-0-0	22
1		RELAY SOCKET	1210684	23
1		PIN, PC	1209456-1	24
1		CAP .02UF 100V 20% DUAL DISC	1010767	25
1		CAP 1UF 35V 10% TANT	1001776	26
1		CAP 47UF 20V 10% TANT	1004814	27
1		CAP .22UF 50V 20%+80% CER	1010274	28
1		CAP .01UF 100V 20% DISC	1001610-1	29
1		CAP 10UF 35V 10% TANT	1001476	30
1		CAP 820PF 100V 5% DM	1000027	31
1		CAP 1000PF 100V 5% DM	1000042	32
1		DIODE D670-1	1102162	33
1		DIODE NSS 3514	1110714	34
1		DIODE, A15B 5624	1110420	35
1		DIODE IN469A 5.8V ZENER	1100120	36
1		DIODE IN756A ZENER 8.2V 5%	1103441	37
1		DIODE IN964B ZENER 13V 5%	1109988	38
1		DIODE IN4004	1105796	39
1		CONN, 4 PIN	1209350-4	40
1		CONN, 15 PIN	1209350-15	41
1		CONN, 9 PIN	1209350-9	42
1		RES 100 1W 5%	1300232	43
1		RES 1K $\frac{1}{4}$ W 5%	1300365	44
1		RES 390 2W 5%	1301864	45
1		RES 1K 2W 5%	1301952	46
1		RES 27 $\frac{1}{4}$ W 5%	1301522	47
1		RES 680 $\frac{1}{4}$ W 5%	1301424	48
1		RES 2.7K $\frac{1}{4}$ W 5%	1300426	49
1		RES 220 $\frac{1}{4}$ W 5%	1300271	50
1		RES 470 $\frac{1}{4}$ W 5%	1300316	51
1		RES 30K $\frac{1}{4}$ W 5%	1302394	52
1		RES 12K $\frac{1}{4}$ W 5%	1300488	53
1		RES 5.6K $\frac{1}{4}$ W	1301874	54

FIRST USED ON OPTION MODEL		TUI6	
ETCH BOARD REV.		A	
DRN. DATE 1-14-76		DATE 1-14-76	
CHK'D. DATE 1-14-76		DATE 1-14-76	
ENG. DATE 1-14-76		DATE 1-14-76	
PRD. DATE 1-14-76		DATE 1-14-76	
NEXT HIGHER ASSY		DATE 1-14-76	
SCALE 1 OF 3		SHEET 1 OF 3	
DEC NO.		EIA NO.	
DEC NO.		EIA NO.	
SEMICONDUCTOR CONVERSION CHART		SEMICONDUCTOR CONVERSION CHART	
REV. NO.		REV. NO.	
CHANGE NO.		CHANGE NO.	
CHK		CHK	
REV.		REV.	
A		A	
B		B	
C		C	
D		D	
E		E	
F		F	
G		G	
H		H	
I		I	
J		J	
K		K	
L		L	
M		M	
N		N	
O		O	
P		P	
Q		Q	
R		R	
S		S	
T		T	
U		U	
V		V	
W		W	
X		X	
Y		Y	
Z		Z	



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ALL COMPONENTS ABOVE DOTTED LINE ARE NOT ON THE BOARD

IDEAL DISK

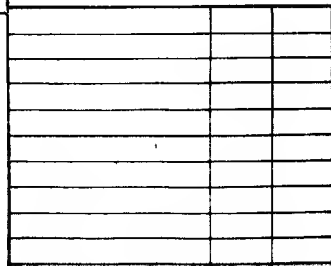
F2 SEE NOTE 2 SHEET 1

F1 SEE NOTE 4 SHEET 1

CHK	REVISIONS	CHANGE NO.	REV.

TITLE		TU16 POWER SUPPLY		SIZE		NUMBER		REV.	
SCALE		SHEET 3 OF 3		DIST.					

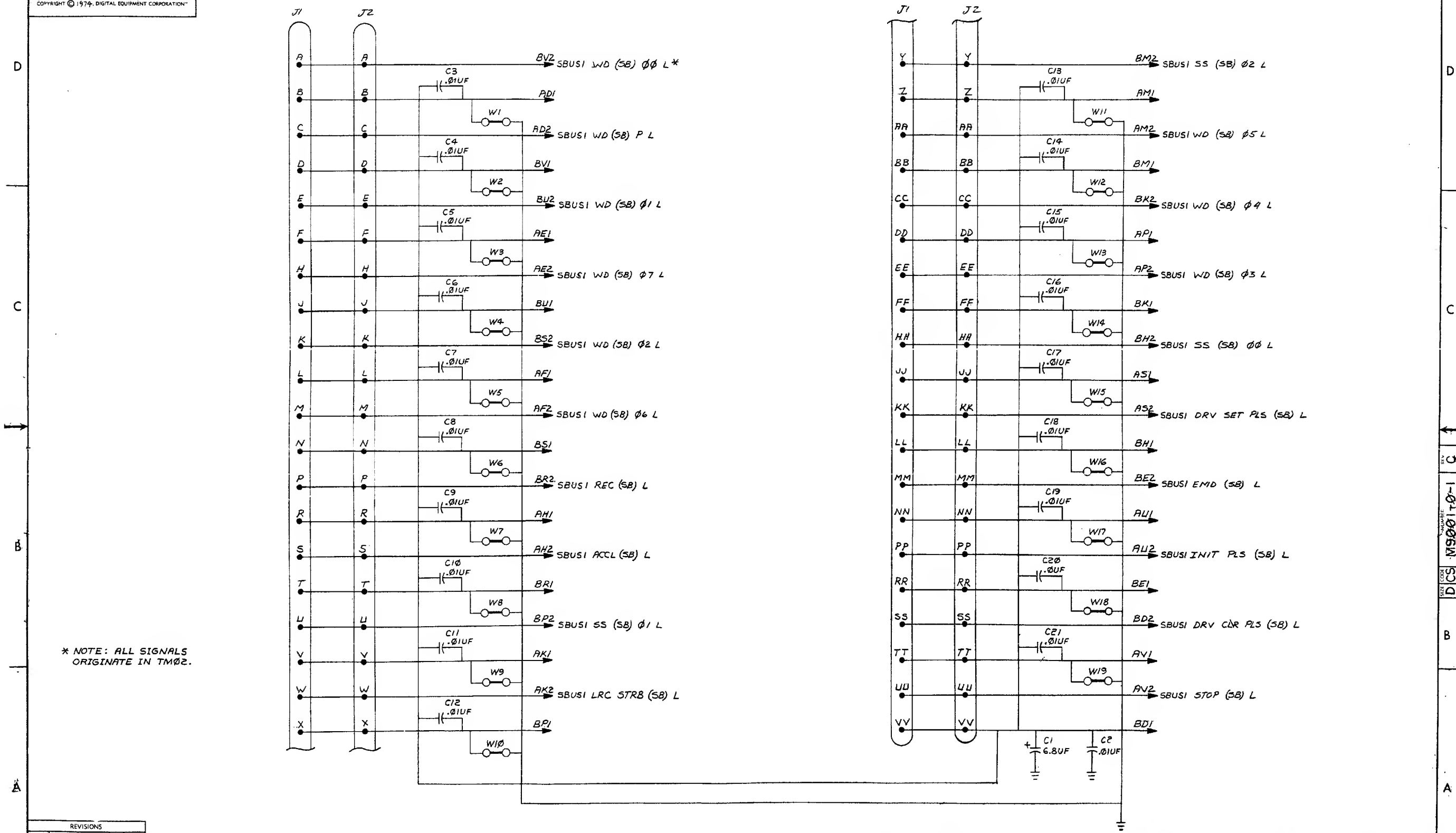
NOTES:



26-52840
100-1-5

QTY	REF DESIGNATION	DESCRIPTION	PART NO	ITEM NO.
PARTS LIST				
ETCH BOARD REV		C		
DRN	DATE	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> digital </div> <div style="display: inline-block; vertical-align: top; margin-left: 10px;"> EQUIPMENT CORPORATION <small>MATINE - MASSACHUSETTS</small> </div>		
CHND	DATE			
ENG	DATE			
PROJ. ENG.	DATE			
P80D	DATE			
NEXT HIGHER ASSY		TITLE	GEN PURPOSE CARD	
			(A & B)	
DEC NO.	EIA NO.	SIZE	COOF	NUMBER
		D	C	M9031-0-1
		SCALE	REV.	
		1	B	
		SHEET	OF 2	
		DIST.		

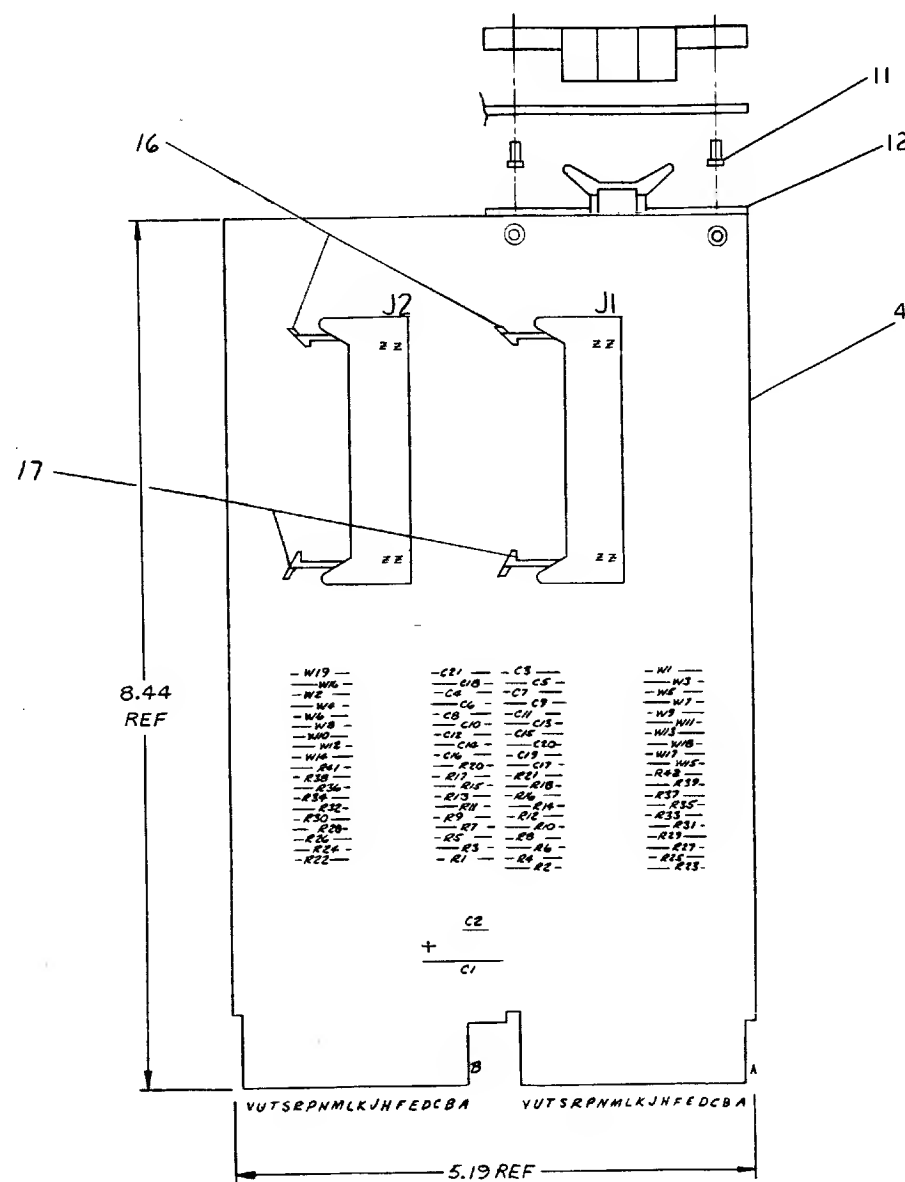
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REVISIONS		
CHK	CHANGE NO	REV.

TITLE GEN PURPOSE CARD (A & B)		SIZE CODE D CS	NUMBER M9001-0-1	REV. C
SCALE 1" = 1"		SHEET 2 OF 2		DIST.

NOTES:



C		1-8A-10066		D		2		7	
A38		3839N		3002		3215			
REF		X-Y COORDINATE HOLE LOCATION					K-C0-M9001-0-4	1	
REF		ASSY/DRILLING HOLE LAYOUT					D-AH-M9001YB-5	2	
REF		MODULE ECO HISTORY					B-MH-M9001YB-6	3	
1		ETCHED CIRCUIT BOARD					5010465	4	
20	C2 THRU C21	CAP .01UF 100V AXIAL					1001610	5	
1	C1	CAP 6.8UF 35V 10% TANT					1005306	6	
5	R7, R16, R17, R18, R20	RES 120 1/4W 5%					1300247	7	
11	R28-R32, R36-R39, R41, R42	RES 220 1/4W 5%					1300271	8	
19	W1 THRU W19	JUMPER, INSULATED WIRE					9009185	9	
2	U1, U2	CONN, 40 PIN					1209941-2	10	
4		EYELET					9006732	11	
2		HANDLE, FLIP-CHIP, MAGENTA					9008337-6	12	
6	R8-R11, R15, R21	RES. 150, 1/4 w, 5 %					1300250	13	
9	R1-R6, R12-R14	RES. 390, 1/4 w 5%					1300309	14	
9	R22-R27, R33-R35	RES. 620, 1/4 w 5%					1303178	15	
		CONNECTOR LATCH, LEFT					1209941-3	16	
2		CONNECTOR LATCH, RIGHT					1209941-4	17	

QTY	REF DESIGNATION	DESCRIPTION				PART NO.	ITEM NO
PARTS LIST							
ETCH BOARD REV		C					
		DRN	DATE	<div>digital</div> EQUIPMENT CORPORATION MALDEN MASSACHUSETTS	BEIN PURPOSE CARD (A & B)		
		CHK'D	DATE				
		ENG	DATE				
		WRTY PRG	DATE				
		PROG	DATE				
		NEXT HIGHER ASSY		SIZE CODE	NUMBER	REV.	
DEC NO		EIA NO		DJCS	M9001-YB-1	C	
SCALE				DIST.			
SHEET 1				DE 2			
OR CONVERSION CHART							

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8

7

6

5

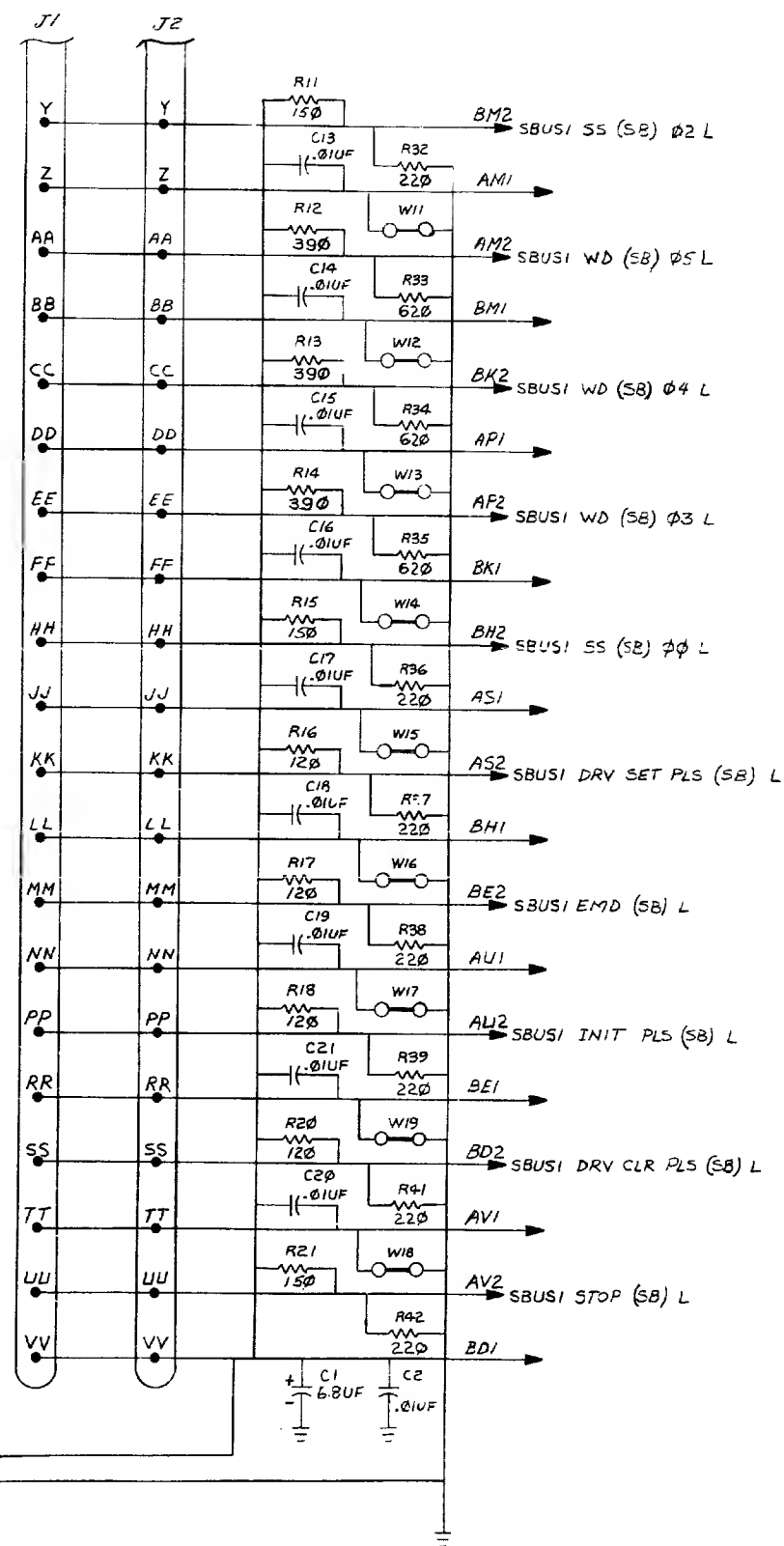
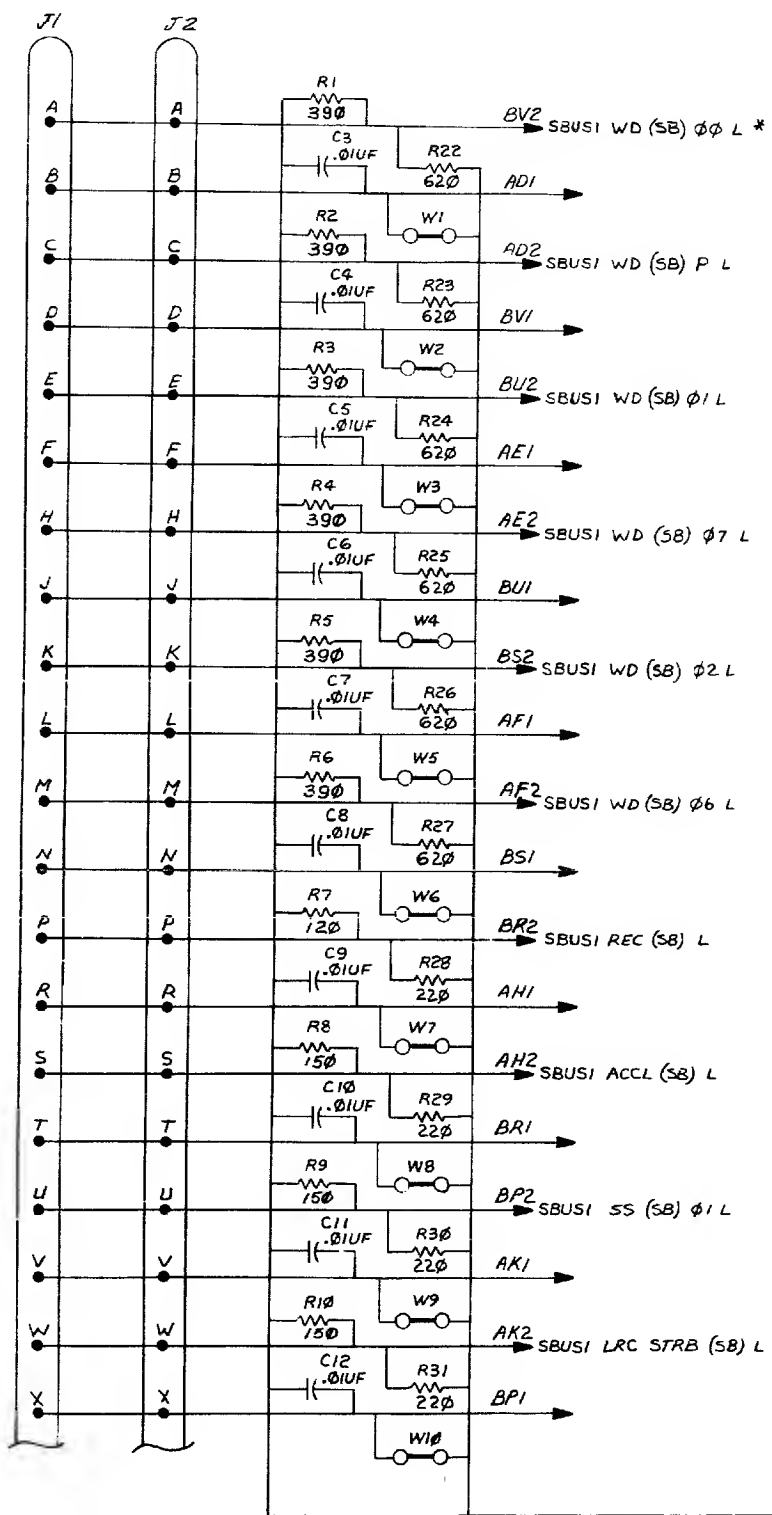
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3

1

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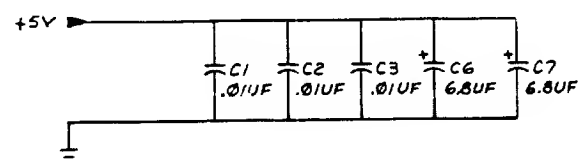
01-8A-1-006W S3 D 2



REVISIONS		
CHK	CHANGE NO	REV

TITLE		SIZE CODE	NUMBER		REV.
GEN PURPOSE CARD		D CS	M9001-YB-1		C
SCALE		SHEET 2 OF 2		DIST.	

NOTES:

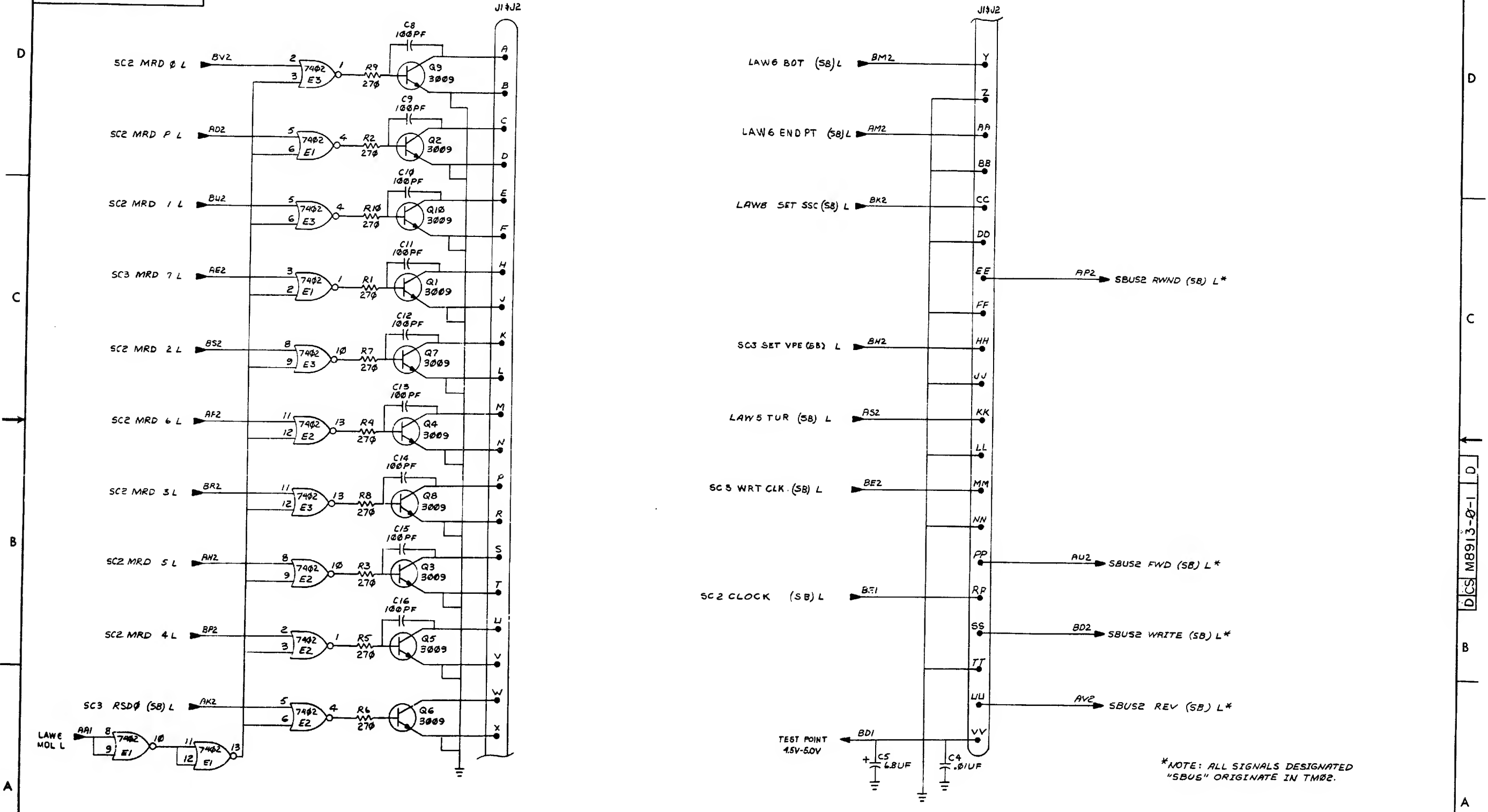


94	H. DRAB	11/13/74	10-74	
95	H. DRAB	11/13/74	10-74	
96	H. DRAB	11/13/74	10-74	
97	H. DRAB	11/13/74	10-74	
98	H. DRAB	11/13/74	10-74	
99	H. DRAB	11/13/74	10-74	
100	H. DRAB	11/13/74	10-74	
101	H. DRAB	11/13/74	10-74	
102	H. DRAB	11/13/74	10-74	
103	H. DRAB	11/13/74	10-74	
104	H. DRAB	11/13/74	10-74	
105	H. DRAB	11/13/74	10-74	
106	H. DRAB	11/13/74	10-74	
107	H. DRAB	11/13/74	10-74	
108	H. DRAB	11/13/74	10-74	
109	H. DRAB	11/13/74	10-74	
110	H. DRAB	11/13/74	10-74	
111	H. DRAB	11/13/74	10-74	
112	H. DRAB	11/13/74	10-74	
113	H. DRAB	11/13/74	10-74	
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116	H. DRAB	11/13/74	10-74	
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122	H. DRAB	11/13/74	10-74	
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124	H. DRAB	11/13/74	10-74	
125	H. DRAB	11/13/74	10-74	
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128	H. DRAB	11/13/74	10-74	
129	H. DRAB	11/13/74	10-74	
130	H. DRAB	11/13/74	10-74	
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132	H. DRAB	11/13/74	10-74	
133	H. DRAB	11/13/74	10-74	
134	H. DRAB	11/13/74	10-74	
135	H. DRAB	11/13/74	10-74	
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138	H. DRAB	11/13/74	10-74	
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153	H. DRAB	11/13/74	10-74	
154	H. DRAB	11/13/74	10-74	
155	H. DRAB	11/13/74	10-74	
156	H. DRAB	11/13/74	10-74	
157	H. DRAB	11/13/74	10-74	
158	H. DRAB	11/13/74	10-74	
159	H. DRAB	11/13/74	10-74	
160	H. DRAB	11/13/74	10-74	
161	H. DRAB	11/13/74	10-74	
162	H. DRAB	11/13/74	10-74	
163	H. DRAB	11/13/74	10-74	
164	H. DRAB	11/13/74	10-74	
165	H. DRAB	11/13/74	10-74	
166	H. DRAB	11/13/74	10-74	
167	H. DRAB	11/13/74	10-74	
168	H. DRAB	11/13/74	10-74	

[illegible]

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1-0-168W SC 2

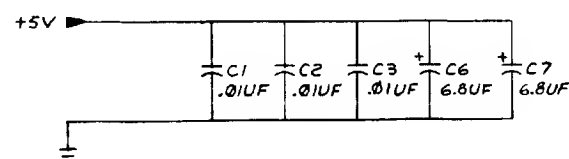


*NOTE: ALL SIGNALS DESIGNATED "SBUS" ORIGINATE IN TM02.

REVISIONS		
CHK	CHANGE NO	REV

TITLE		SIZE CODE		NUMBER		REV.	
SBUS2 DATA DRIVER (SLOT C/P)		D CS		M8913-0-1		D	
SCALE		SHEET 2		OF 2		DIST.	

NOTES:



IC TYPE	GND	+ 5V
---------	-----	------

GND AND 5V ARE USUALLY PIN 7 AND 14
RESPECTIVELY. EXCEPTIONS ARE STATED ABOVE.

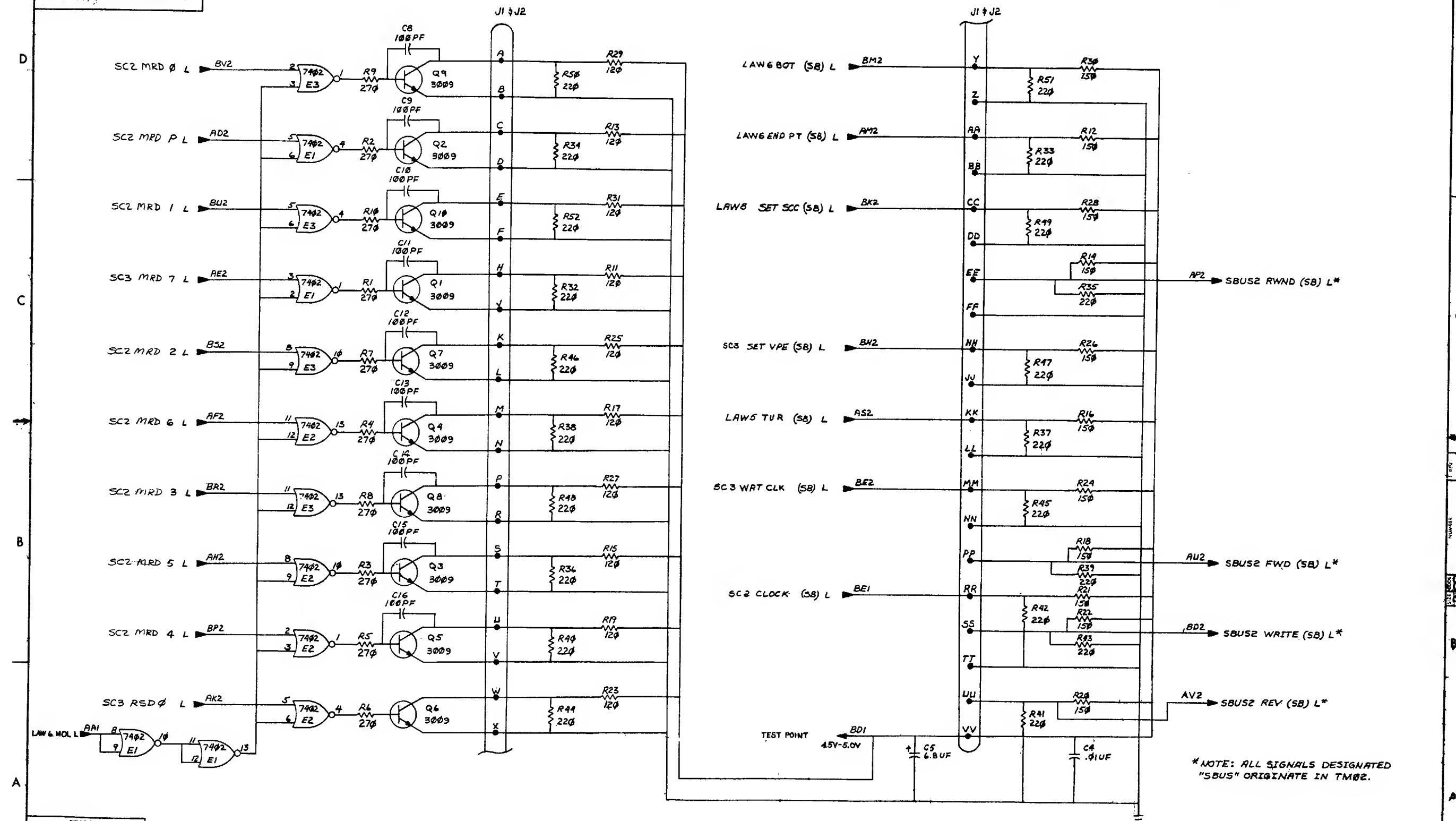
IC PIN LOCATIONS

QTY	REF	DESIGNATION	DESCRIPTION				PART NO	ITEM NO.
PARTS LIST								
ETCH BOARD REV	B							
		DRN	DATE		<div style="border: 1px solid black; padding: 5px;"> digital EQUIPMENT CORPORATION <small>MAYNARD, MASSACHUSETTS</small> </div>			
		CHG	DATE					
		ENG	DATE					
		PROD	DATE					
		SCALE	DATE					
		DEC NO.	EIA NO.	SCALE	SIZE CODE		NUMBER	REV
					D/C		M8913-YA-1	C
					DIST.			

SIZE	CODE	NUMBER	REV
D	CS	M8913-YA-1	C

B

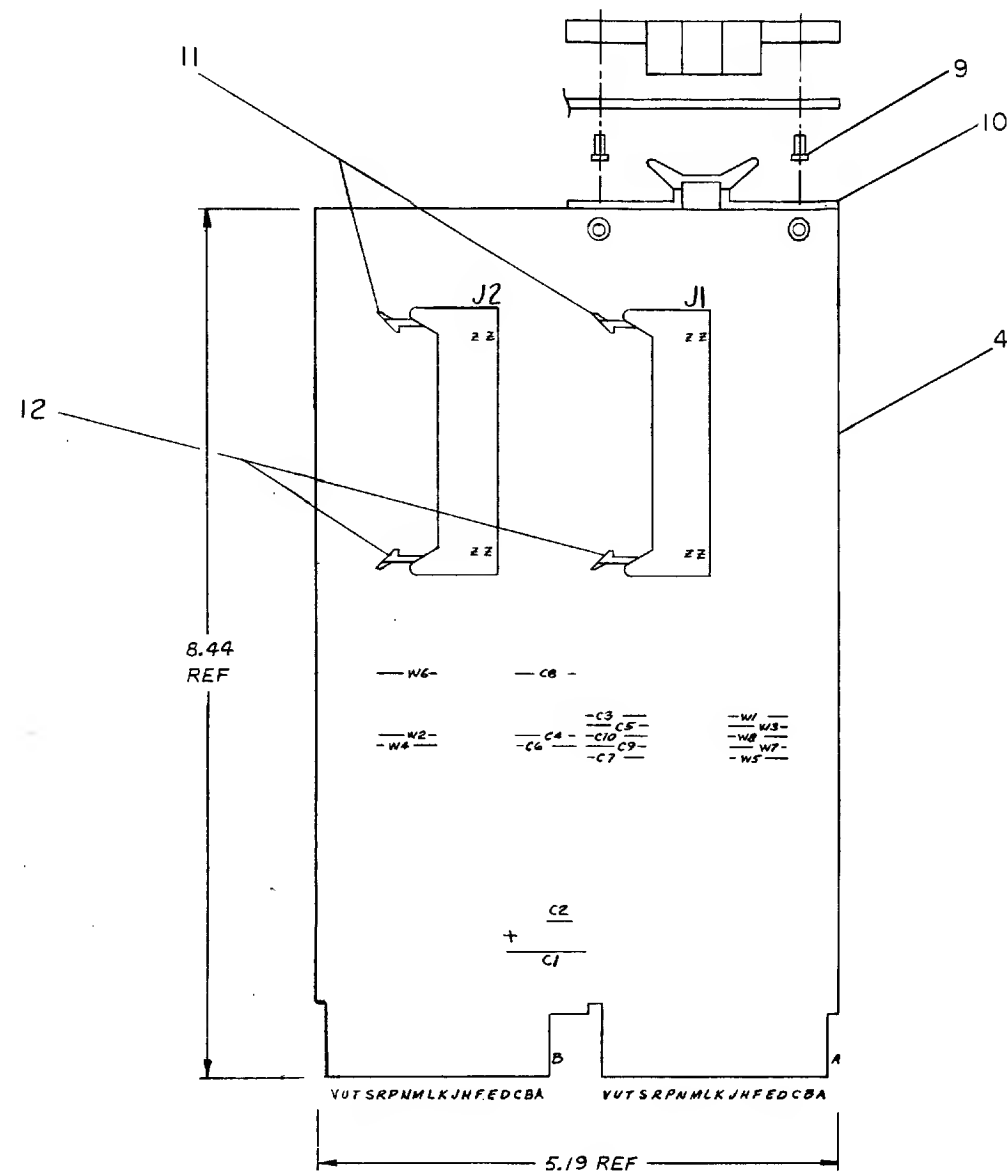
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REVISIONS		
CHK	CHANGE NO	REV.

TITLE	DATA DRIVER SBUS 2 (SLOT C/P)	SIZE CODE	DCS	NUMBER	M8913-YA-1	REV.	C
SCALE	1	SHEET	2	OF	2	DIST.	

NOTES:



IC TYPE	GND	+ 5V
GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY EXCEPTIONS ARE STATED ABOVE		

IC PIN LOCATIONS

REF		X-Y COORDINATE HOLE LOCATION	K-CO-M9001-0-4	1
REF		ASSY/DRILLING HOLE LAYOUT	D-AH-M9001-YA-5	2
REF		MODULE ECO HISTORY *	B-MH-M9001-YA-6	3
1		ETCHED CIRCUIT BOARD	5010465	4
9	C2 THRU C10	CAP .01UF 100V 20% AXIAL	1001610	5
1	C1	CAP 6.8UF 35V 10% TANT	1005306	6
8	W1 THRU W8	JUMPER, INSULATED WIRE	9009185	7
2	J1, J2	CONN, 40 PIN	1209941-2	8
4		EYELET	9006732	9
2		HANDLE, FLIP-CHIP, MAGENTA	9008337-6	10
2		CONNECTOR LATCH, LEFT	1209941-3	11
2		CONNECTOR LATCH, RIGHT	1209941-4	12

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO
PARTS LIST				
ETCH BOARD REV	C			
DRN	DATE	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> digital </div> <div style="display: inline-block; vertical-align: top; margin-left: 10px;"> EQUIPMENT CORPORATION <small>MAYNARD MASSACHUSETTS</small> </div>	<div style="border: 1px solid black; padding: 5px;"> TITLE GEN PURPOSE CARD (E & F) </div>	
CHKD	DATE			
ENG	DATE			
PROG	DATE			
NEXT HIGHER ASSY		SIZE CODE	NUMBER	REV.
SCALE		DICS	M9001-YA-I	C
SHEET		DIST.		

8

7

6

5

4

3

2

1

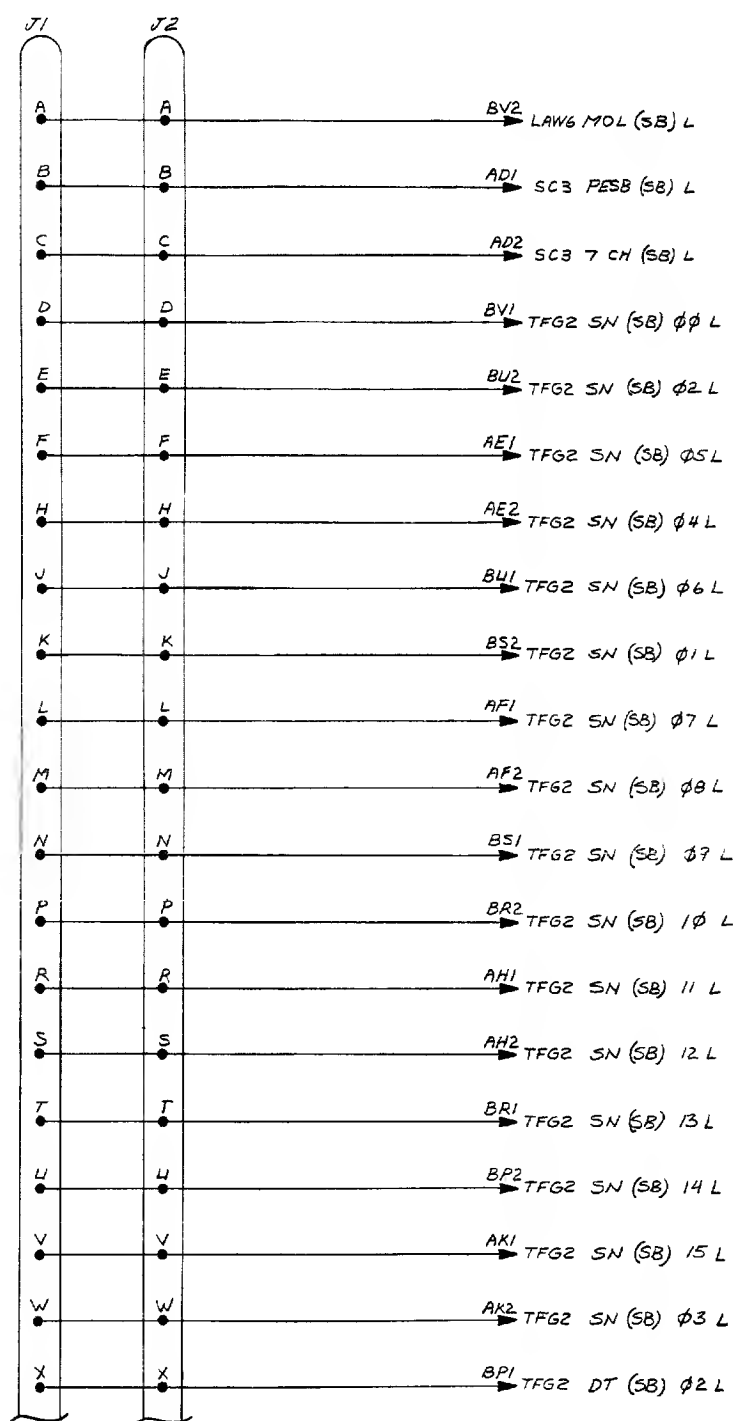
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D

C

B

A



NOTE: ALL SIGNALS DESIGNATED "SBUS" ORIGINATE IN TM02.

REVISIONS		
CHK	CHANGE NO	REV

DEC FORM NO
DPO 138

8

7

6

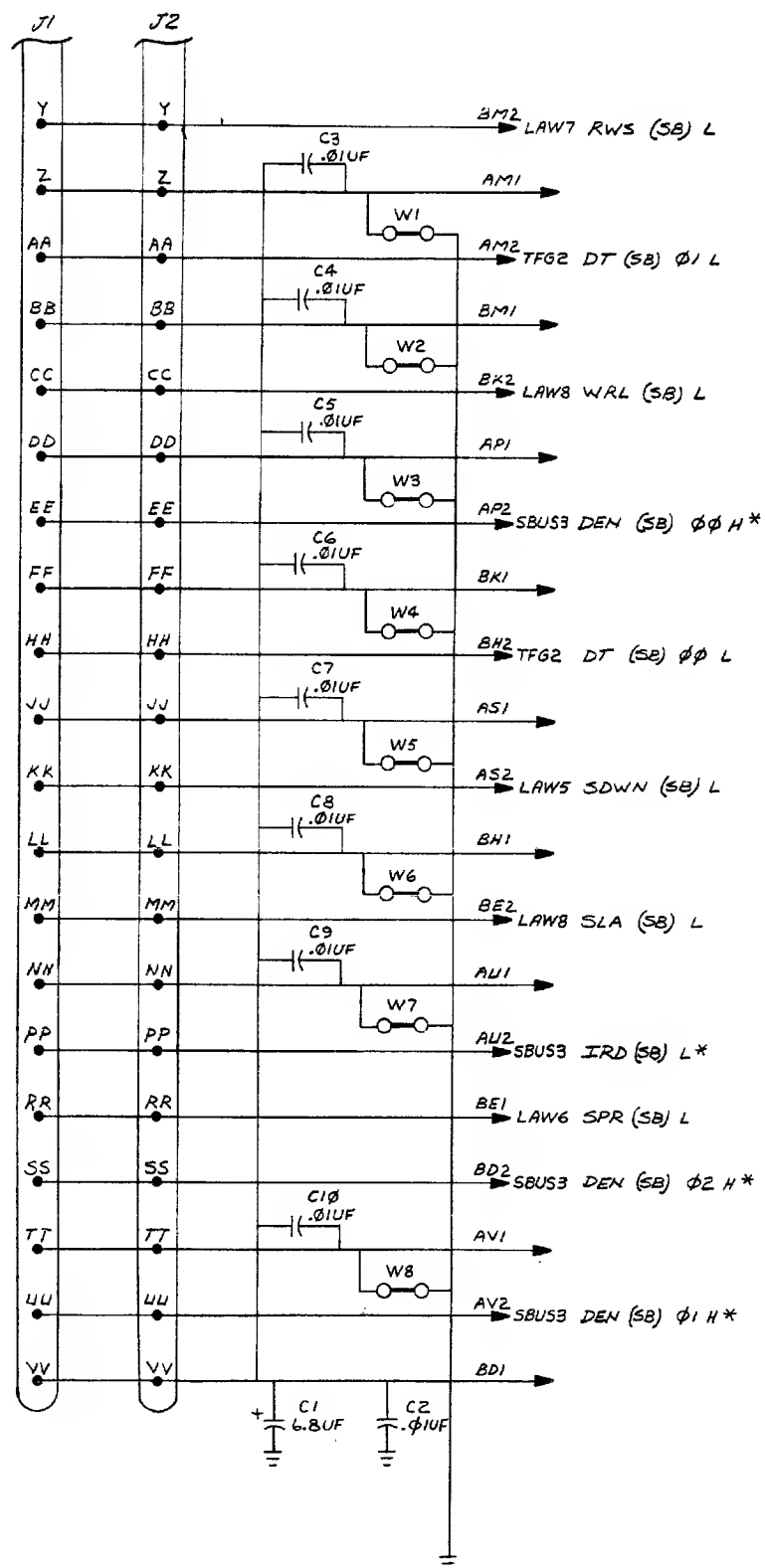
5

4

3

2

1



D

C

B

B

A

TITLE GEN PURPOSE CARD
(E & F)

SIZE CODE DCS

NUMBER M9001-YA-1

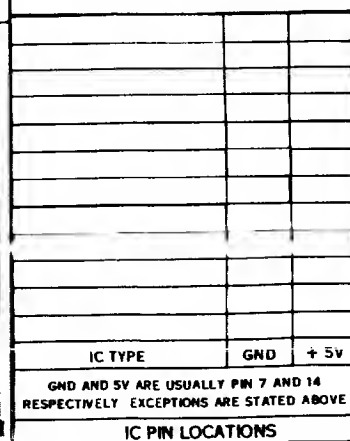
REV. C

SCALE 1:1

SHEET 2 OF 2

DIST.

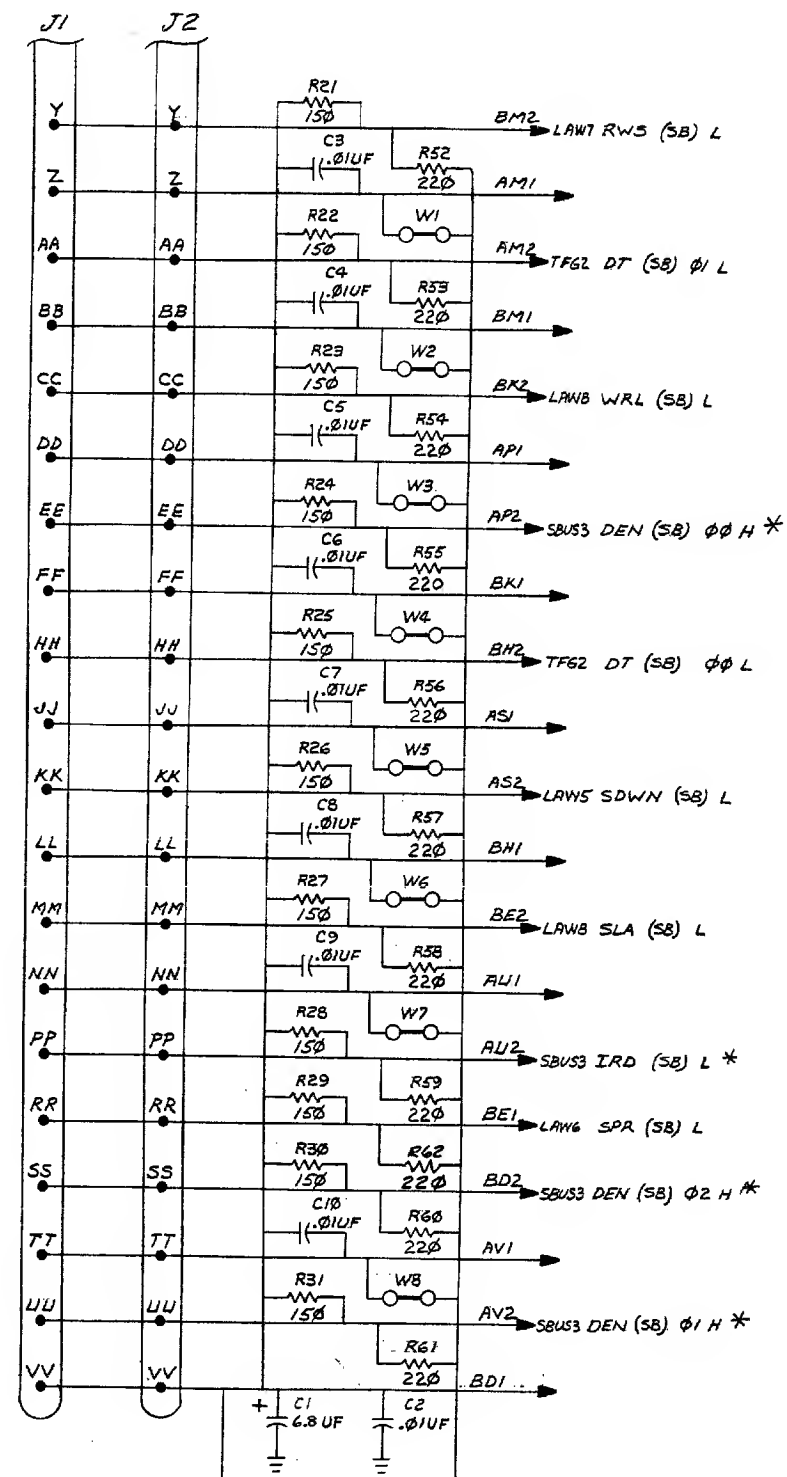
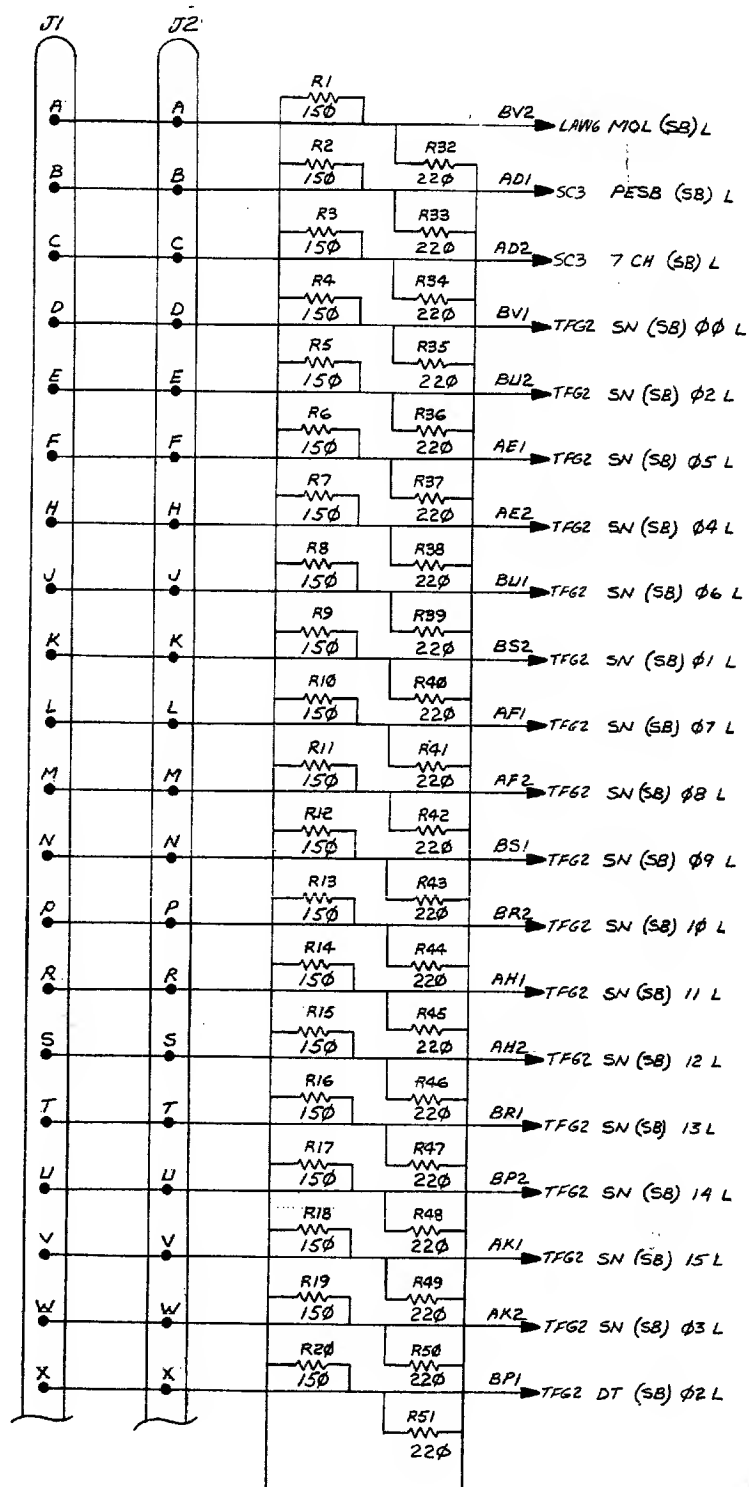
NOTES:



QTY	REF DESIGNATION	DESCRIPTION	PART NO	ITEM NO.
PARTS LIST				
ETCH BOARD REV	C			
		DRN. <i>Indoor</i>	DATE 3-4-74	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> digital </div> EQUIPMENT CORPORATION <small>CHRYSLER CREDIT CORP.</small>
		CHRD. <i>C. L. L.</i>	DATE 5-7-74	
		ENG. <i>W. J. D. B.</i>	DATE 7-6-74	
		PROJ. ENG. <i>W. J. D. B.</i>	DATE 7-6-74	
		PROO. <i>K. J.</i>	DATE	
		NEXT HIGHER ASSY		
DEC NO.	EIA NO.	SCALE	SIZE CODE	NUMBER
		SHEET 1 OF 2	DICS	M9001-YC-1
OR CONVERSION CHART		REV. C		

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DCS M9001-YC-1
REV. C
NUMBER 3000
SIZE CODE 2

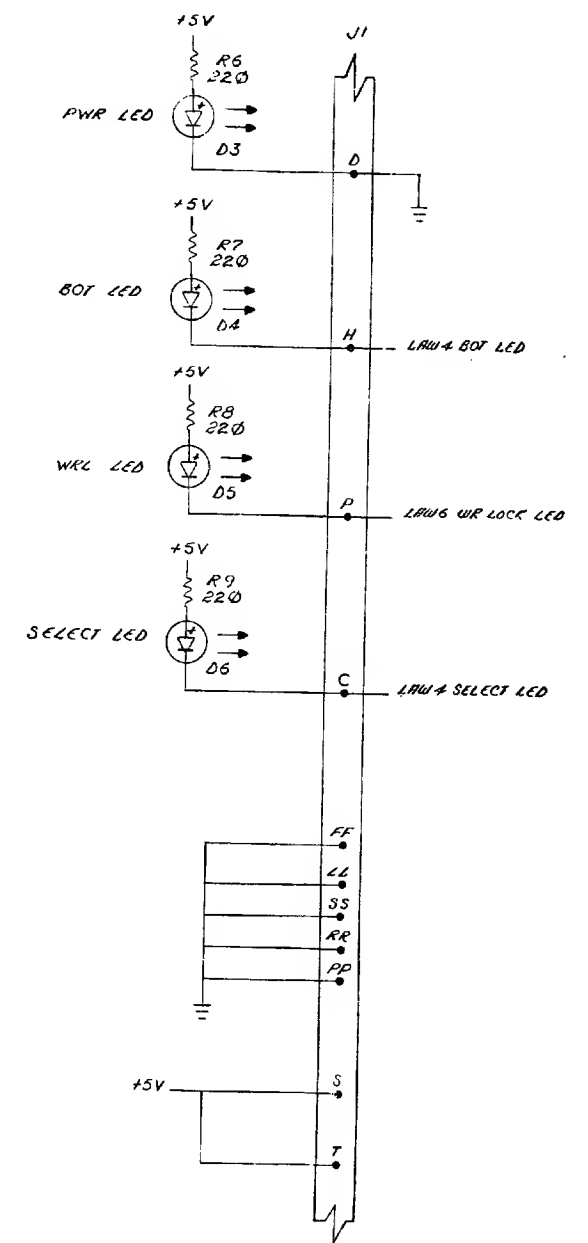
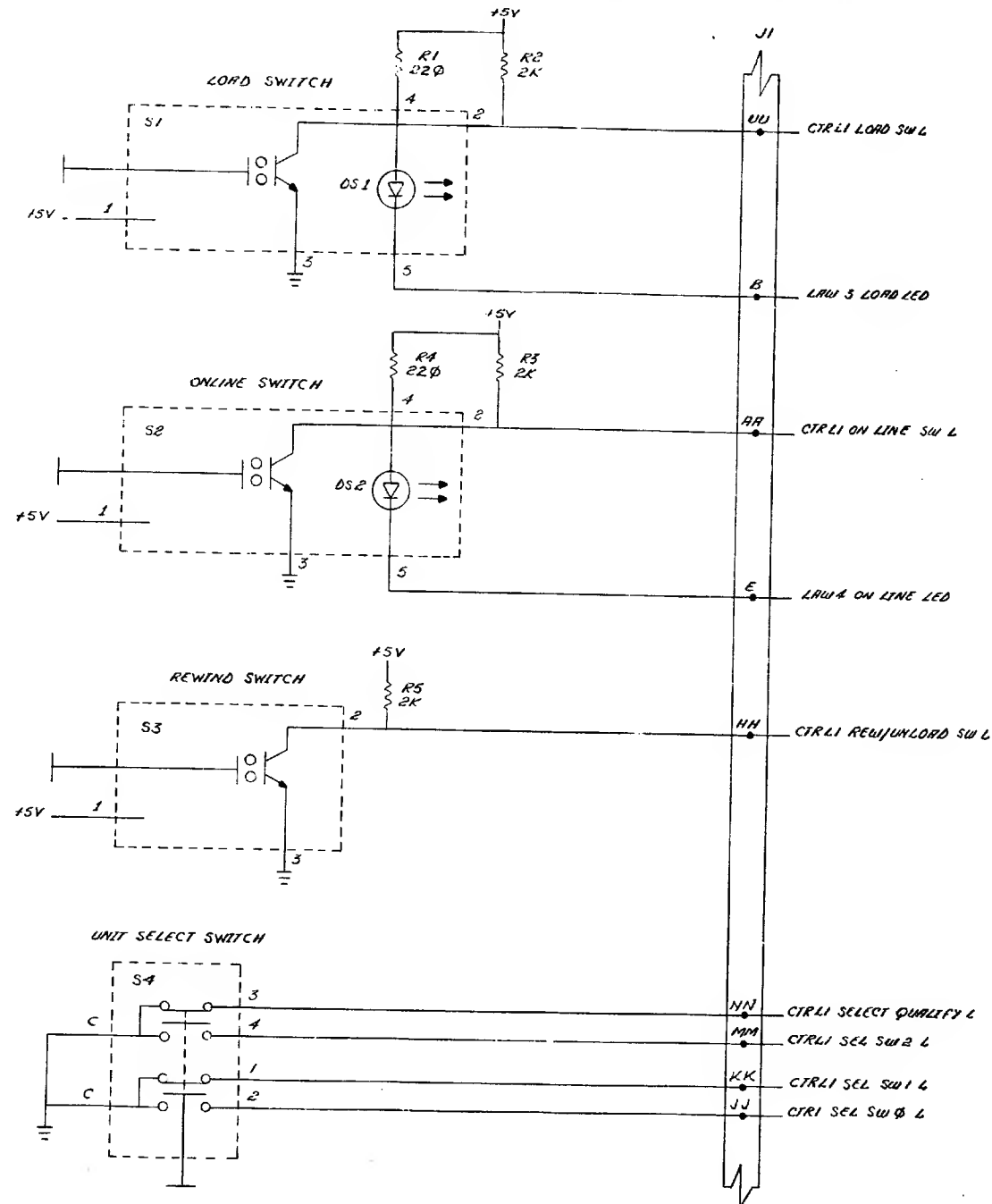


* NOTE: ALL SIGNALS DESIGNATED "SBUS" ORIGINATE IN TM02.

REVISIONS		
CHK	CHANGE NO.	REV.

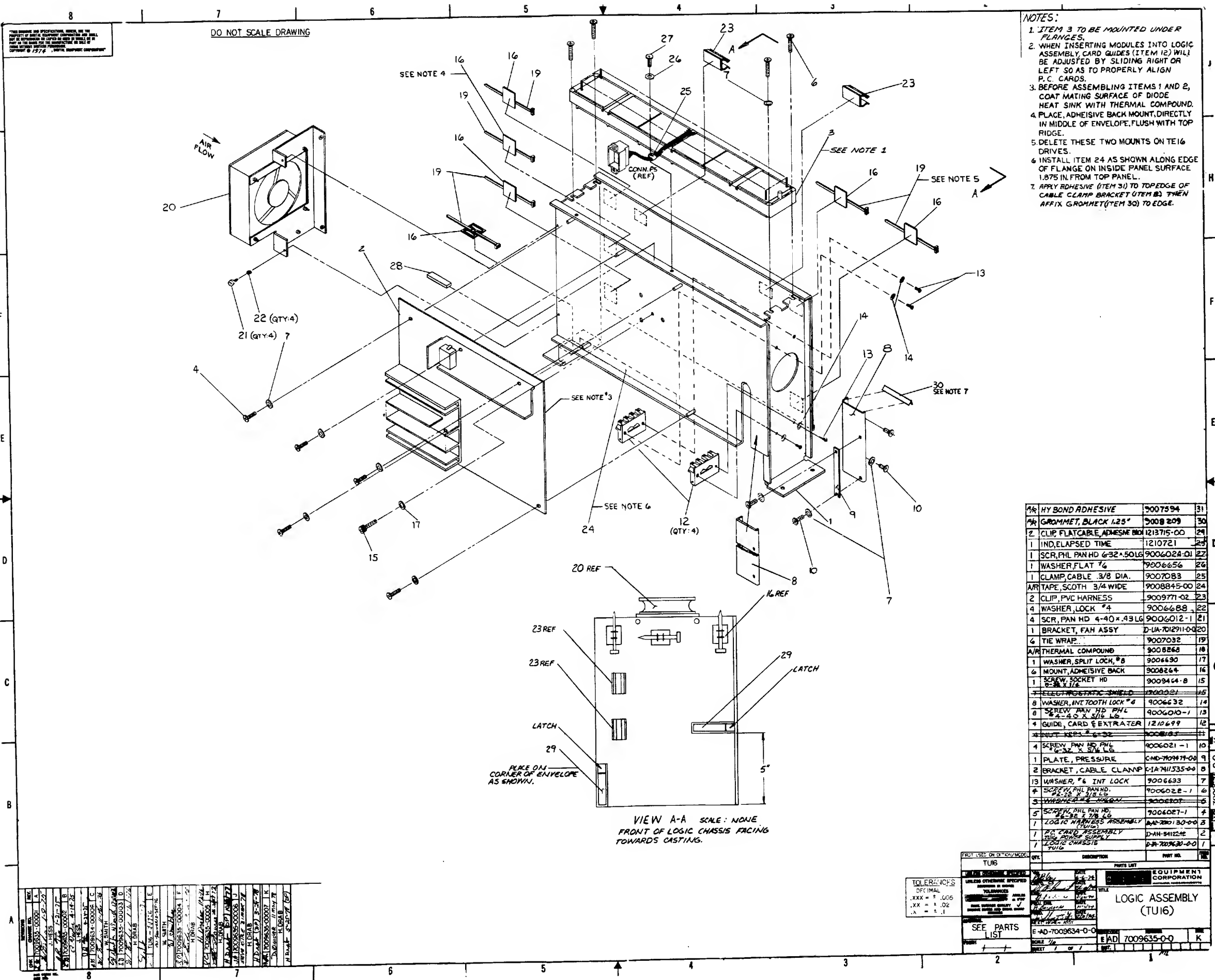
TITLE GEN. PURPOSE CARD (E & F) SIZE CODE DCS NUMBER M9001-YC-1 REV. C
SCALE 1:1 SHEET 2 OF 2 DIST. 1

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REV.	DATE	BY	CHKD
1	10/17/70	H. DRAB	
2	11/17/70		

DRN	5412347-0	FIRST USED ON	TU-16W
CHKD	10/17/70	TITLE	TU-16W SWITCH BOX (CTRL1)
ENG.	10/17/70	PROD.	10/17/70
PROJ. ENG.	10/17/70	NEXT HIGHER ASSY.	
SCALE	NONE	SIZE	100%
SHEET	1 OF 1	REV.	B



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DO NOT SCALE DRAWING

- NOTES:
1. ITEM 3 TO BE MOUNTED UNDER FLANGES.
 2. WHEN INSERTING MODULES INTO LOGIC ASSEMBLY CARD GUIDES (ITEM 12) WILL BE ADJUSTED BY SLIDING RIGHT OR LEFT SO AS TO PROPERLY ALIGN P.C. CARDS.
 3. BEFORE ASSEMBLING ITEMS 1 AND 2, COAT MATING SURFACE OF DIODE HEAT SINK WITH THERMAL COMPOUND.
 4. PLACE ADHESIVE BACK MOUNT DIRECTLY IN MIDDLE OF ENVELOPE, FLUSH WITH TOP RIDGE.
 5. DELETE THESE TWO MOUNTS ON TE16 DRIVES.
 6. INSTALL ITEM 24 AS SHOWN ALONG EDGE OF FLANGE ON INSIDE PANEL SURFACE 1.875 IN. FROM TOP PANEL.
 7. APPLY ADHESIVE (ITEM 31) TO TOP EDGE OF CABLE CLAMP BRACKET (ITEM 8) THEN AFFIX GROMMET (ITEM 30) TO EDGE.

HY BOND ADHESIVE	9007594	31
GROMMET, BLACK 1.25"	9008209	30
CLIP, FLAT CABLE ADHESIVE	1213715-00	29
IND. ELAPSED TIME	1210721	28
SCR, PHIL PAN HD 6-32 x .50 LG	9006024-01	27
WASHER, FLAT #6	9006656	26
CLAMP, CABLE 3/8 DIA.	9007083	25
TAPE, SCOTCH 3/4 WIDE	9008845-00	24
CLIP, PVC HARNESS	9009771-02	23
WASHER, LOCK #4	9006688	22
SCR, PAN HD 4-40 x .43 LG	9006012-1	21
BRACKET, FAN ASSY	D-1A-7012911-00	20
TIE WRAP	9007032	19
THERMAL COMPOUND	9008268	18
WASHER, SPLIT LOCK #8	9006630	17
MOUNT, ADHESIVE BACK	9008264	16
SCREW, SOCKET HD 8-32 x 1/2	9009464-B	15
ELECTRICAL SHIELD	9006021	14
WASHER, INT TOOTH LOCK #6	9006632	13
SCREW, PAN HD PHL 4-40 x .50 LG	9006010-1	12
GUIDE, CARD EXTRACTOR	1210699	11
WASHER, #6-32	9006633	10
SCREW, PAN HD PHL 6-32 x 3/8 LG	9006021-1	9
PLATE, PRESSURE	CMD-701471-00	8
BRACKET, CABLE CLAMP	C-1A-711535-00	7
WASHER, #6 INT LOCK	9006633	6
SCR, PHIL PAN HD 6-32 x 1/2 LG	9006021-1	5
WASHER, #6 INT LOCK	9006633	4
LOGIC HARNESS ASSEMBLY	DA-700130-00	3
P.C. CARD ASSEMBLY	D-1A-711224	2
LOGIC CHASSIS TU16	D-1A-700630-00	1

TOLEANCES:
DECIMAL
.XXX = .005
.XX = .02
.X = .1

TU16		PARTS LIST		EQUIPMENT CORPORATION	
DESCRIPTION		PART NO.		TITLE	
LOGIC ASSEMBLY (TU16)		E-AD-7009634-0-0		E-AD 7009635-0-0	
SEE PARTS LIST		E-AD-7009634-0-0		E-AD 7009635-0-0	
1		1		1	

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FIRST USED ON OPTION MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
TUI6					
PARTS LIST					
DRN.	D. Schmitt		DATE	2/20/74	
CHK'D.	D. Schmitt		DATE	2/29/74	
ENG.	J. P. Hess		DATE	2-20-74	
PROG. ENG.	J. P. Hess		DATE	2-20-74	
PROD.	D. Schmitt		DATE	5-31-74	
NEXT HIGHER ASSEMBLY					
D-AD-7009605-0-0			SIZE CODE	NUMBER	REV.
SCALE			K WL	TUI6-Ø-WL	F
SHEET			OF		

REVISIONS		CHANGE NO.	REV.
CHK	TUI6-00010	A	
28	Q. Dooler 5-5-75		
	J. HESS		
	J. P. Hess 5-7-75		
28	TUI6-00013	B	
	Q. Dooler 7-25-75		
	J. HESS		
	John P. Hess 7-10-75		
28	TUI6-00021	C	
	P. Dooler 25 JUNE 76		
	H. DRAB		
	28	TUI6-00022	D
	Q. Dooler 2 Aug 76		
	H. DRAB		
	28	TUI6-00027	E
	AK	TUI6-00030	F
	K.T.	TUI6-00030	
	B. Chiquon 3 MAR.77		
	H. DRAB		
	H. Dooler 3-4-77		

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REV. 2
D MU TE16-0-MU
DATE CODE

NOTES:

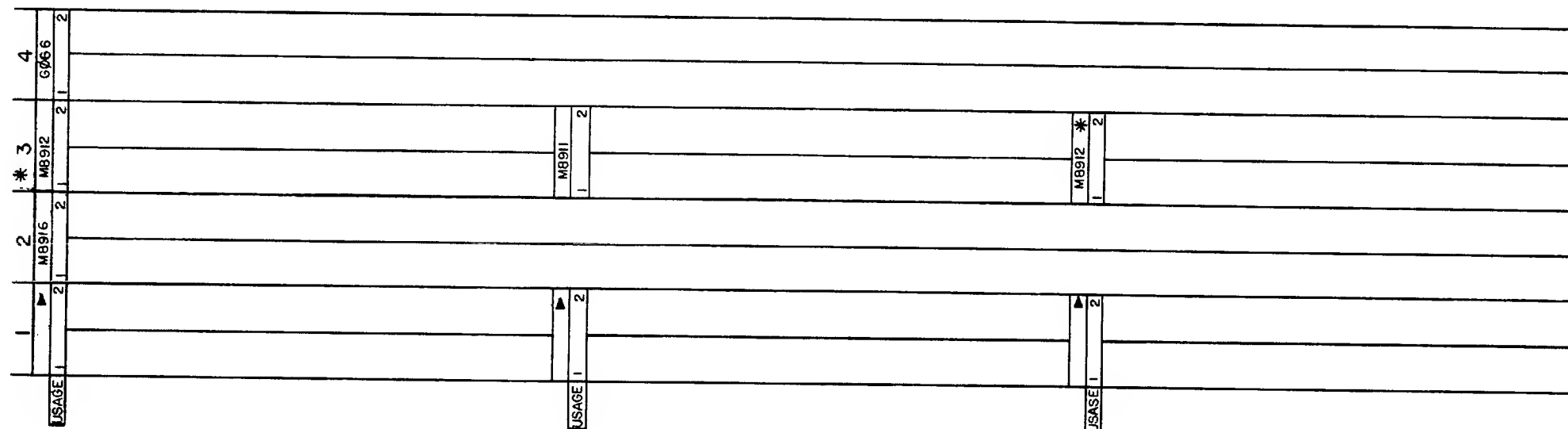
1. USE CABLE SLOTS AS FOLLOWS

	END-OF-BUS	MIDDLE-OF-BUS
A,B	M9001YB	M9001
C,D	M8913YA	M8913
E,F	M9001YC	M9001-YA

2. M8912 CAN BE USED AS A TEST FUNCTION GENERATOR IN SLOT 3 A/B. IT DRIVES SERIAL NO AND DRIVE TYPE LINES IN SLOT 3 E/F.

THE TUI6 CAN NOT OPERATE ON-LINE WITH M8912 IN SLOT 3 A/B.

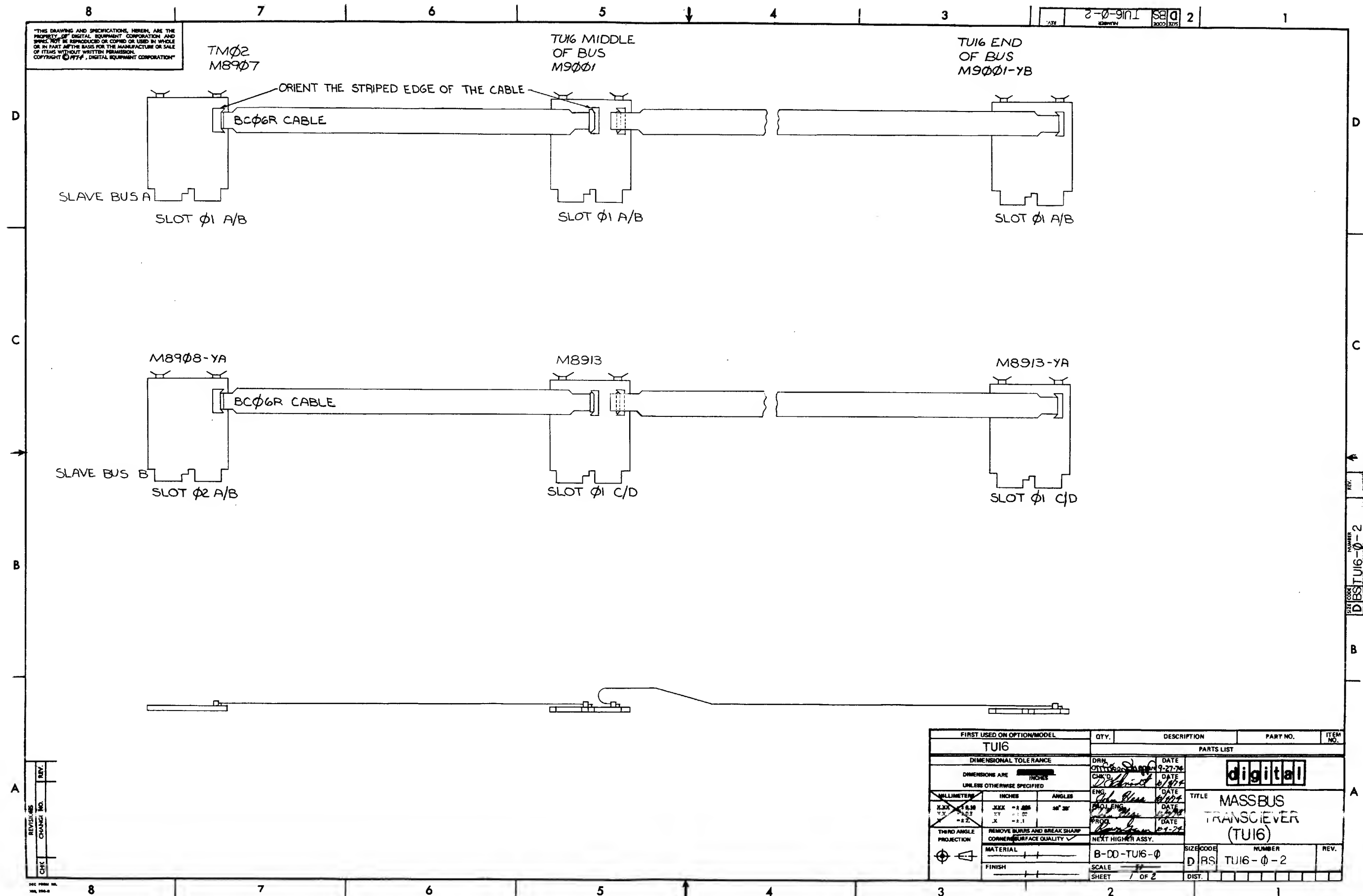
3. ELECTROSTATIC SHIELD IS POSITIONED BETWEEN THE G066 MODULE AND THE M8911/M8912 MODULES.

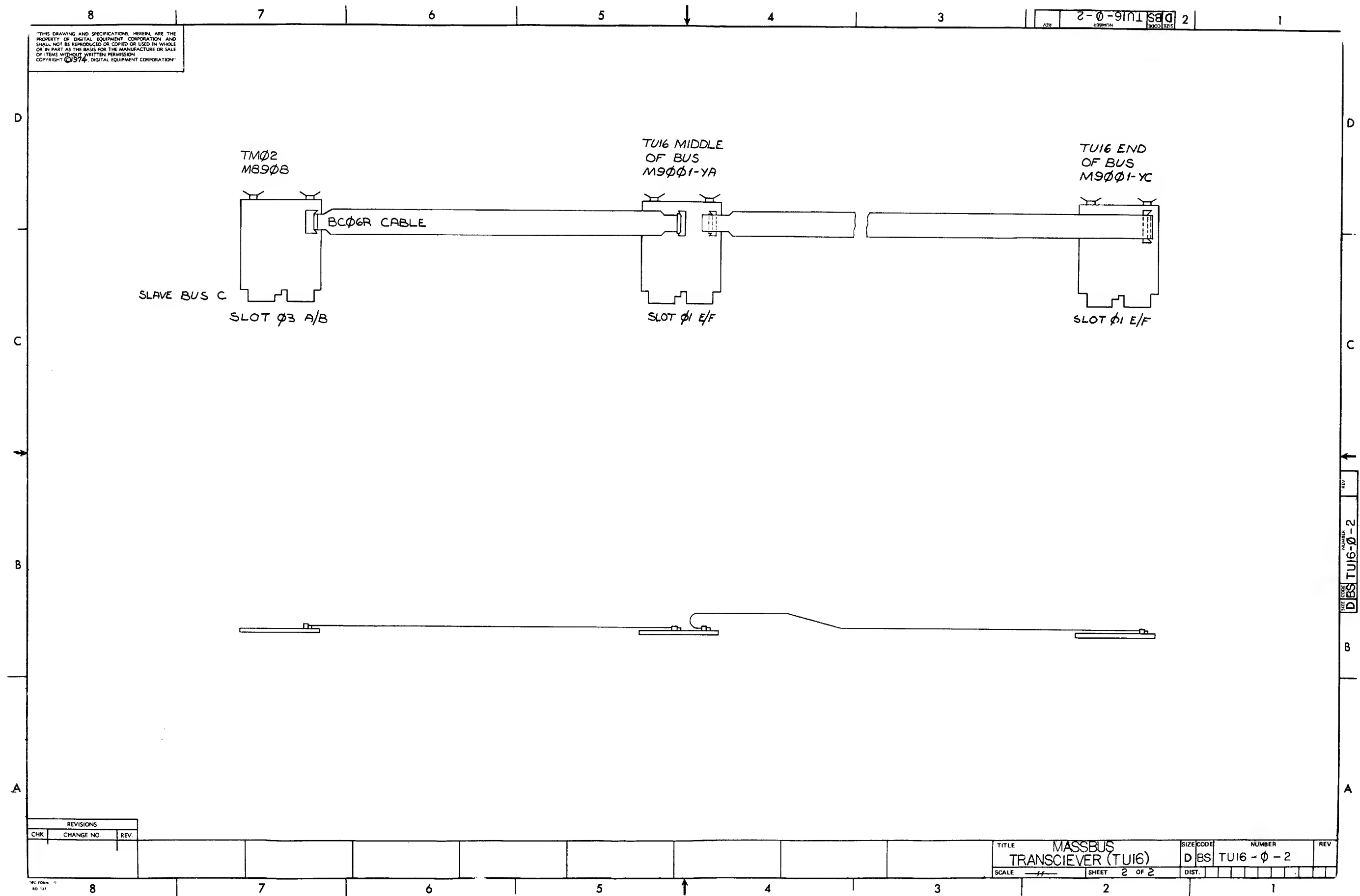


▲ SEE NOTE #1

* SEE NOTE #2

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
TE16					
DIMENSIONAL TOLERANCE		PARTS LIST			
DIMENSIONS ARE MILLIMETERS UNLESS OTHERWISE SPECIFIED		DRN.	DATE	digital	
MILLIMETERS		ENG.	DATE	TITLE	
XOX ±0.10 XX ±0.05 X ±0.2		PROJ. ENG.	DATE	MODULE UTILIZATION	
THIRD ANGLE PROJECTION		PROD.	DATE	REV.	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		NEXT HIGHER ASSY.			
MATERIAL		D-UA-TE16-0-0			
FINISH		D MU TE16-0-MU			
SCALE		SHEET DF			
		DIST.			

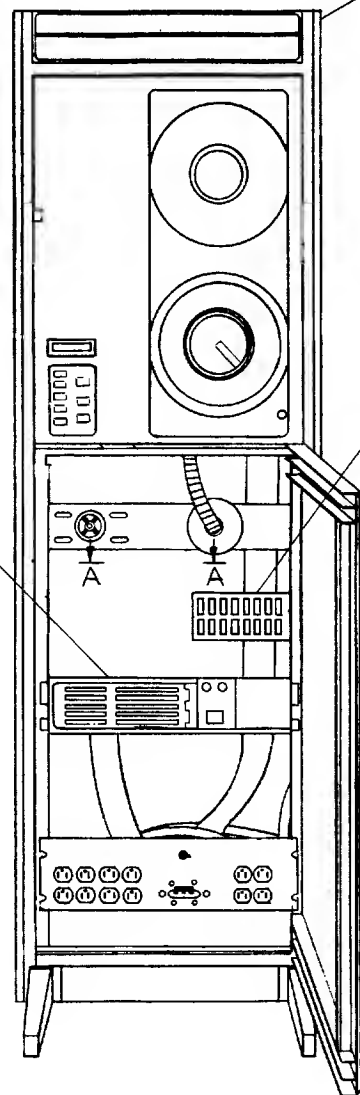




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LEGEND		
NUMBER	VARIATION	
	DESCRIPTION	VOLTAGE
TE16-EA	TE16-EE ξ TM03/TM02-FA	115V, 60HZ
TE16-EB	TE16-EF ξ TM03/TM02-FB	230V, 60HZ
TE16-EC	TE16-EH ξ TM03/TM02-FA	115V, 50HZ
TE16-ED	TE16-EJ ξ TM03/TM02-FB	230V, 50HZ
TE16-EK	TE16-EE ξ TM03/TM02-FC	115V, 60HZ
TE16-EL	TE16-EF ξ TM03/TM02-FD	230V, 60HZ
TE16-EM	TE16-EH ξ TM03/TM02-FC	115V, 50HZ
TE16-EN	TE16-EJ ξ TM03/TM02-FD	230V, 50HZ
TE16-AA	TE16-AE ξ TM03/TM02-FA	115V, 60HZ
TE16-AB	TE16-AF ξ TM03/TM02-FB	230V, 60HZ
TE16-AC	TE16-AH ξ TM03/TM02-FA	115V, 50HZ
TE16-AD	TE16-AJ ξ TM03/TM02-FB	230V, 50HZ

- NOTES:
1. INFORMATION FOR CONNECTING THE CABLES TO THE TAPE TRANSPORT - REFER TO D-MU-TU16-0-MU.
 2. USE BLACK TUBING (ITEM #20) TO COVER 36.00 GND STRAP. USE TWO TIE WRAPS (ITEM #19) TO SECURE TUBING TO STRAP.
 3. GND STRAP, JUMPER FROM TM02/TM03 LOGIC BOX TO BE CONNECTED TO PWR SUPPLY TRANS-CAP ASSY.
 4. FOR MTG INFO. SEE SHT. 4.

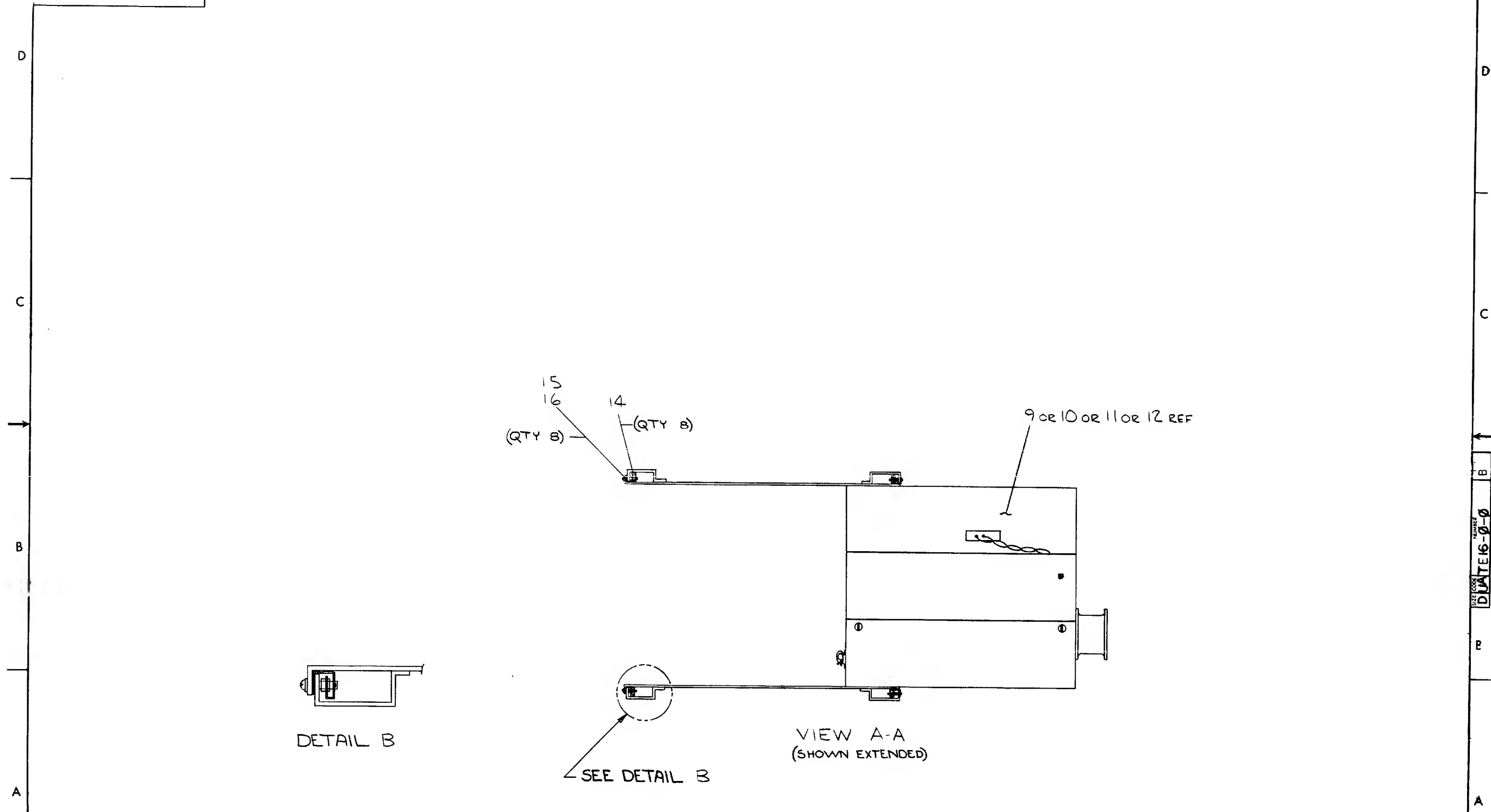


FRONT VIEW

REV	CHG	DATE	BY	APP
1	A	10-1-77	H. DUBAR	
2	B	10-1-77	H. DUBAR	
3	C	10-1-77	H. DUBAR	
4	D	10-1-77	H. DUBAR	
5	E	10-1-77	H. DUBAR	
6	F	10-1-77	H. DUBAR	
7	G	10-1-77	H. DUBAR	
8	H	10-1-77	H. DUBAR	

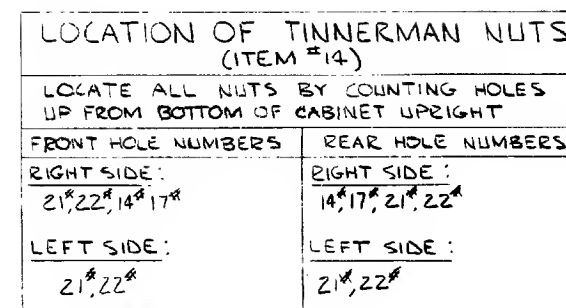
OFF SHEET PARTS LIST REFER TO C-PL-TE16-0-0		
DESCRIPTION	DWG/PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
ANGLES	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES
30° 30'	CHECK ONE	OVER 0 TO 1.5 OVER 1.5 TO 4.0 OVER 4.0 TO 12.0 OVER 12.0 TO 40.0 OVER 40.0 TO 80.0
SURFACE QUALITY IN	MEDIUM	±.004 ±.008 ±.012 ±.018 ±.025 ±.04 ±.06 ±.08
QUANTITY & VARIATION	PREFERRED	±.012 ±.018 ±.025 ±.04 ±.06 ±.08 ±.12 ±.16
THIRD ANGLE PROJECTION	DRN. 10-1-77	FIRST USED ON
REMOVE BURRS AND BREAK SHARP CORNERS	CHK'D 10-1-77	TE16
DO NOT SCALE DWG	PROD. ENG. 10-1-77	TITLE
MATERIAL	PROD. RC 10-1-77	MAG TAPE DRIVE (TE16)
FINISH	NEXT HIGHER ASSY.	SIZE CODE
	B-DD-TE16-0	DUA
	SCALE	NUMBER
	SHEET	OF 5
	DIST.	1

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REVISIONS		
CHK	CHANGE NO	REV

1. FOR INFORMATION ON SLAVE UNITS TEIG-AE,TEIG-AF, TEIG-AH & TEIG-AJ SEE D-UA-TEIG-A-Ø AND C-PL-TEIG-A-Ø.
2. PUT "PUSH DECAL" IN LINE WITH CHASSIS TRACK BOTH SIDES.



* USED WHEN INSTALLING TMΦ2 AND H74Φ-DA
(REF ONLY)

THIS SHEET IS FOR THE TE16
IN THE H9500 SERIES CAB

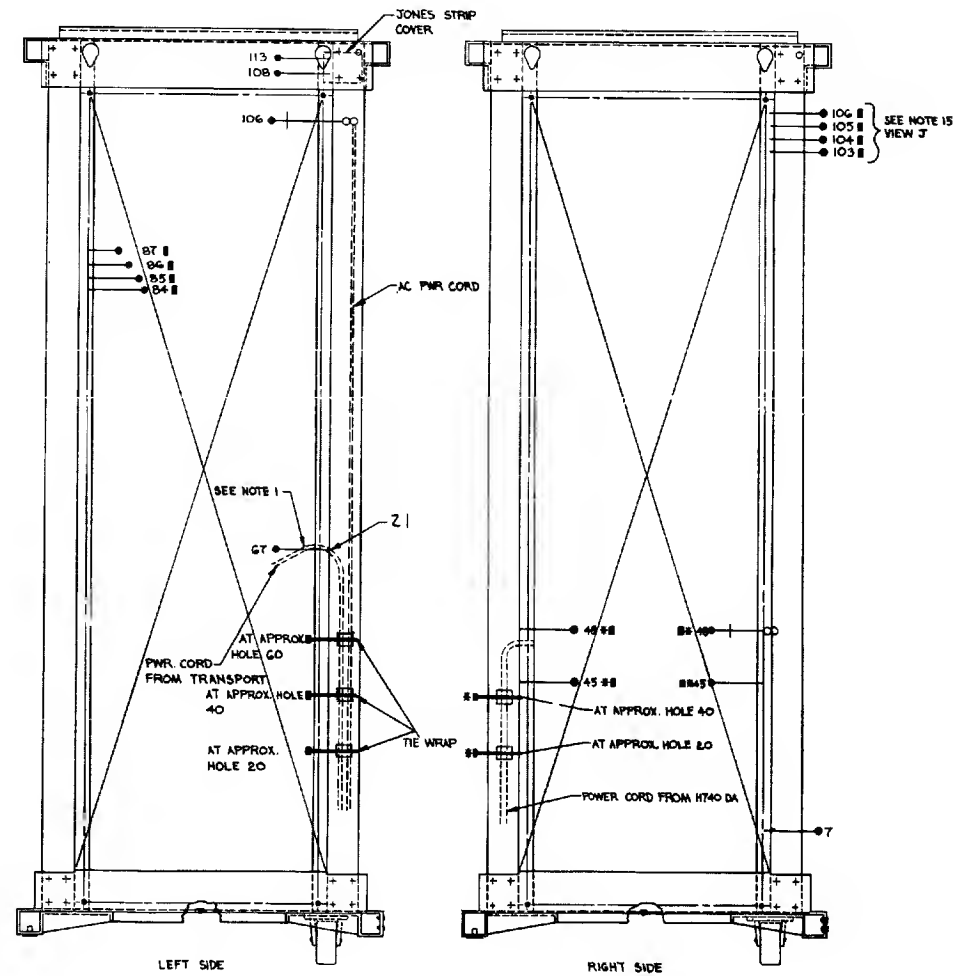
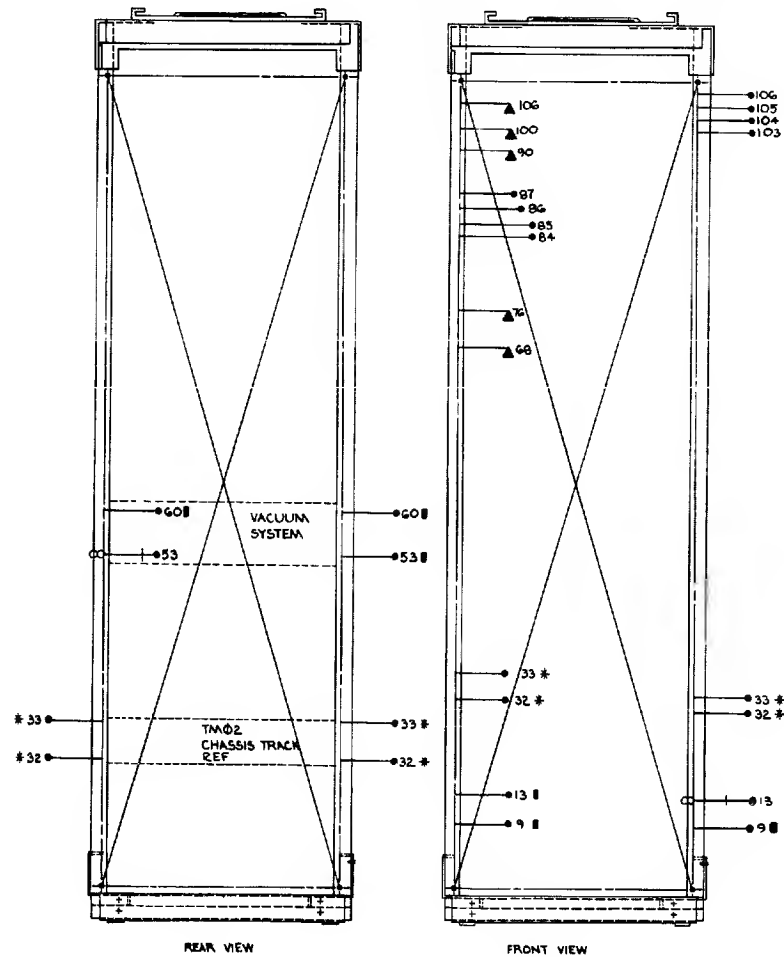
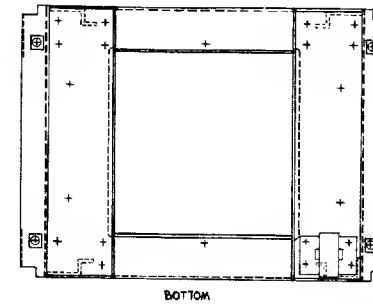
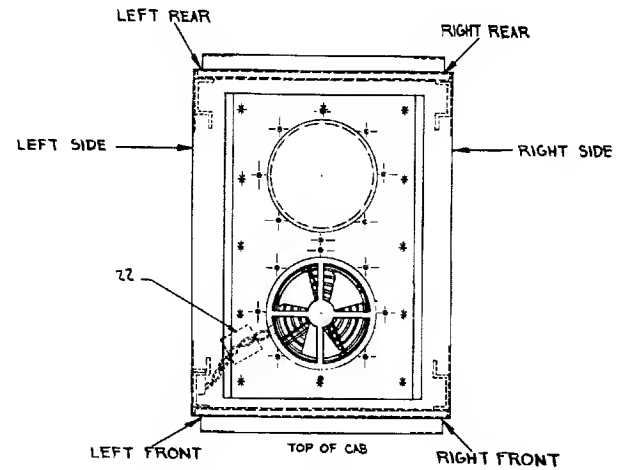
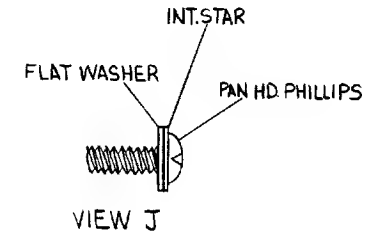
		DESCRIPTION						DWG./PART NO.				ITEM NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES															
		ANGLES 10° 30'		CLASS OF ACCURACY (CHECK ONE)		NOMINAL DIMENSION RANGE INCHES									
		SURFACE QUALITY		IN		OVER TO 0.2		OVER TO 0.5		OVER TO 1.0		OVER TO 2.0		OVER TO 4.0	
				MEDIUM		±.004		±.008		±.012		±.018		±.024	
		MICRONICHES		PREFERRED		±.012		±.018		±.026		±.034		±.041	
QUANTITY & VARIATION															
THIRD ANGLE PROJECTION		DRN. <i>[Signature]</i>				FIRST USED ON				TE16				Digital	
		CHK'D <i>[Signature]</i>				TITLE				MAG TAPE DRIVE					
REMOVE BURRS AND BREAK SHARP CORNERS		PROJ. ENG. <i>[Signature]</i>				(TE16)									
DO NOT SCALE DWG		PROD. ROOM <i>[Signature]</i>													
		NEXT HIGHER ASSY.													
MATERIAL		B-DD-TE16-B				SIZE D		CODE UA		NUMBER		REV. B			
FINISH		SCALE NONE				DIST.				TE16-D-D					
		SHEET 3 DF 5													

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HARDWARE AID PRINT FOR H950 SERIES CABS

NOTES:

1. USE .375 CLAMP (ITEM #21) FOR POWER CORD. FROM TRANSPORT USE FLAT WASHER.
 2. USE .625 CLAMP FOR 861 POWER CORD, USE FLAT WASHER.
- THIS SIGN INDICATES WHERE TINNEMAN CLIP SHOULD BE COUNTING FROM BOTTOM OF CAB
 - INDICATES USE OF SCREW & KEP-NUT FOR GROUNDING PURPOSES.
 - INDICATES CABLE TIE MOUNT 90T8GT FOR TIE WRAP
 - * THIS SIGN INDICATES USED ONLY WHEN INSTALLING A TM02
 - USE FLAT WASHER #10
 - USE KEP-NUT #10-32



REVISIONS		
CHK	CHANGE NO	REV.

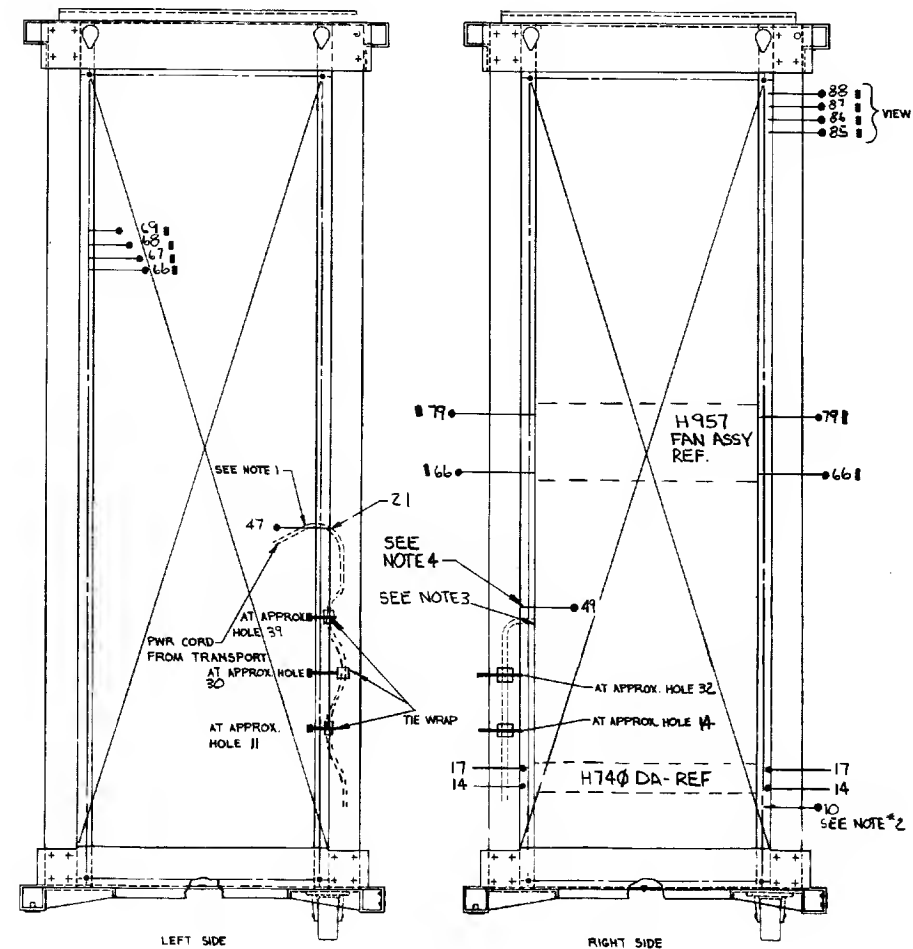
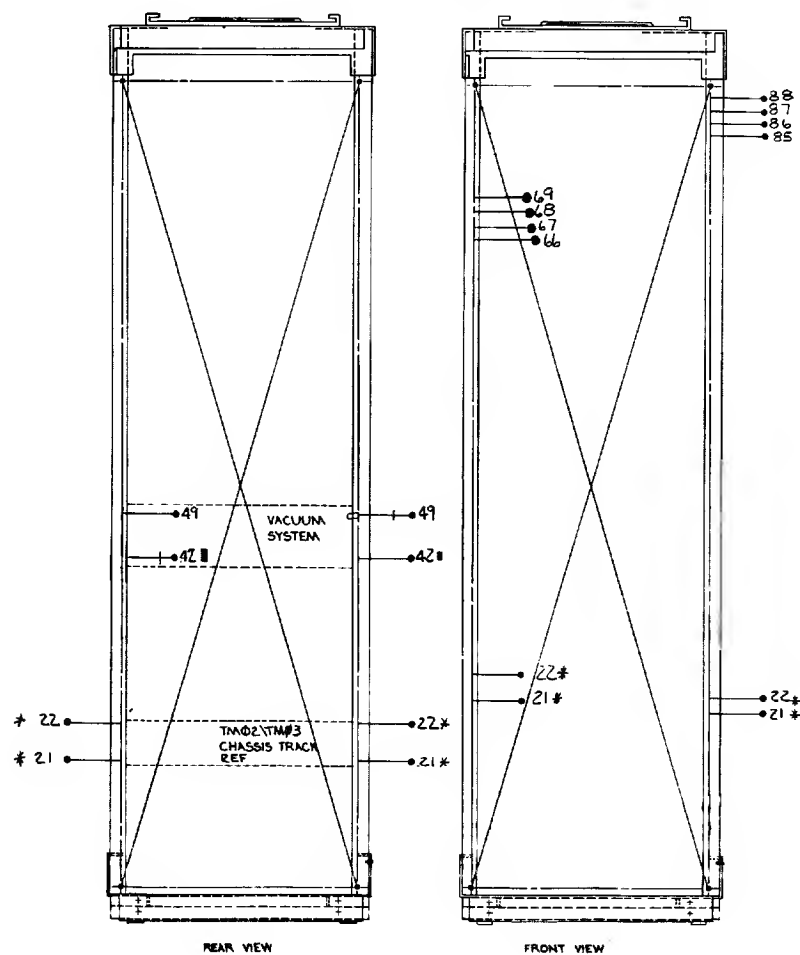
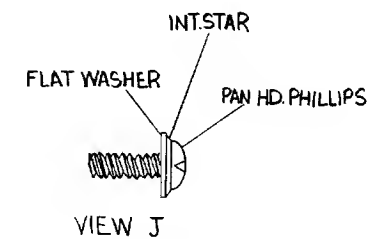
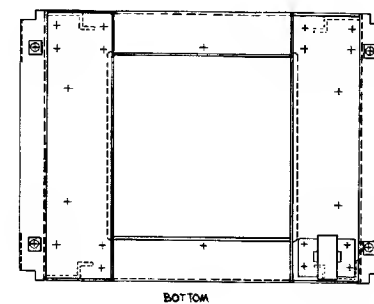
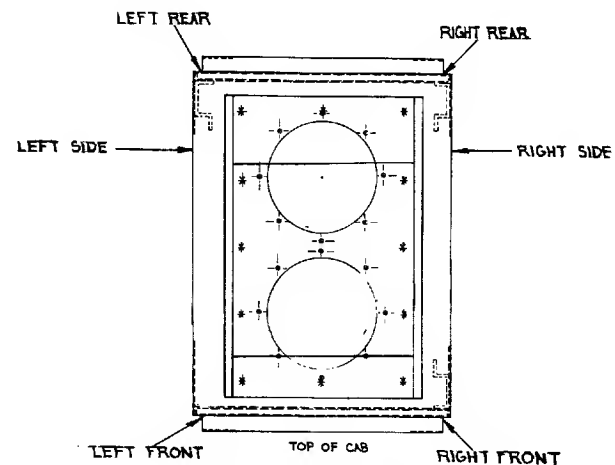
TITLE		SIZE/COOE	NUMBER	REV.
MAG TAPE DRIVE (TE16)		DUA	TE16-0-0	B
SCALE		SHEET	4	OF 5
DIST.				

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HARDWARE AID PRINT FOR H9602 CAB

NOTES:

1. USE .375 CLAMP (ITEM*21) FOR POWER CORD. FROM TRANSPORT USE FLAT WASHER.
2. USE .625 CLAMP FOR 861 POWER CORD, USE FLAT WASHER. THIS SIGN INDICATES WHERE TINNERMAN CLIP SHOULD BE COUNTING FROM BOTTOM OF CAB.
3. INDICATES USE OF SCREW & KEP-NUT FOR GROUNDING PURPOSES.
4. INDICATES CABLE TIE MOUNT 9078GT FOR TIE WRAP.
- * THIS SIGN INDICATES USED ONLY WHEN INSTALLING A TM03.
- 10 USE FLAT WASHER #10.
- 32 USE KEP-NUT #10-32.
3. USE .375 CLAMP (ITEM*21) FOR FAN POWER CORD.
4. ATTACH GND WIRE TO CAB USING 1 ITEM 154 & ITEM 10.



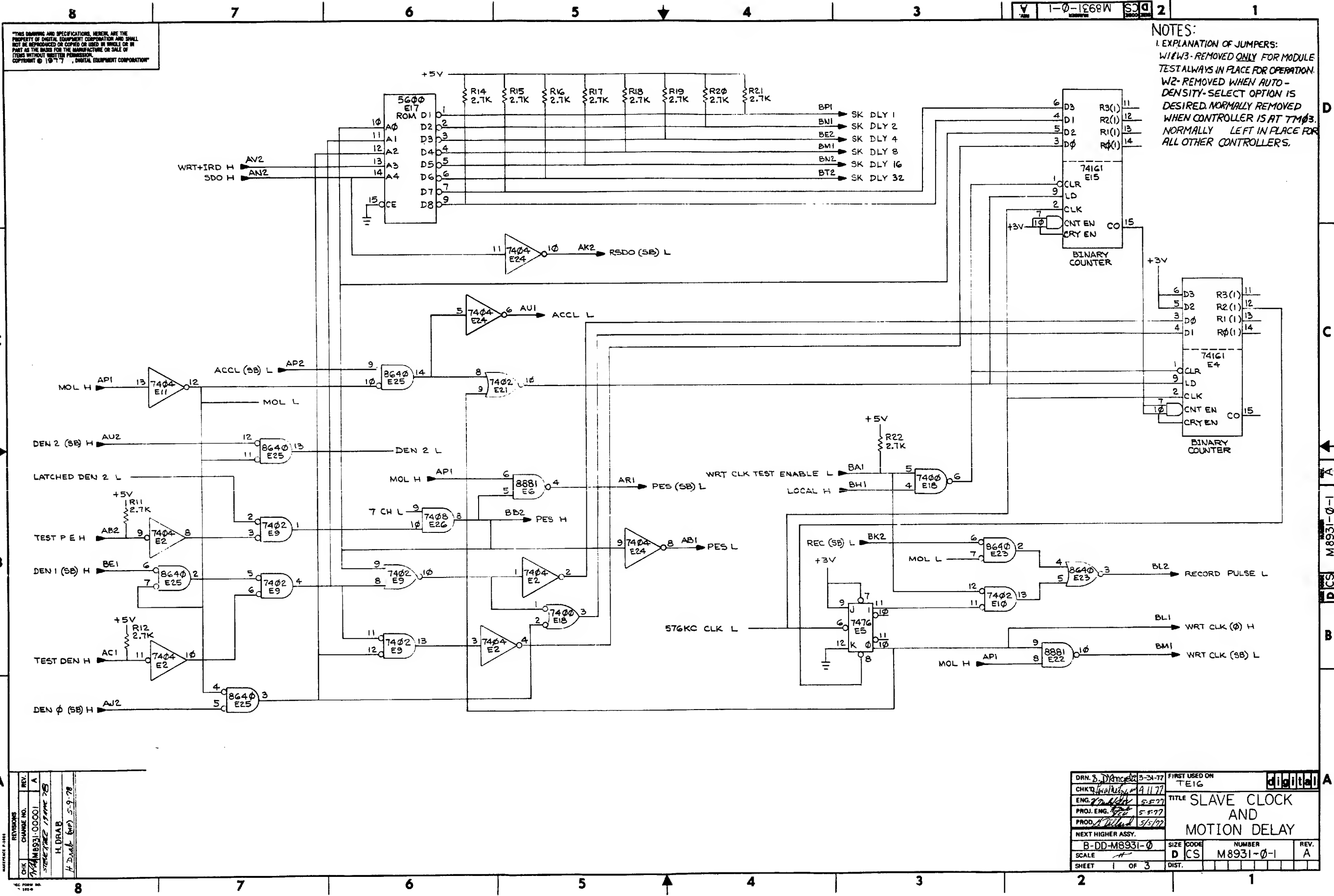
REVISIONS		
CHK	CHANGE NO	REV

TITLE
MAG TAPE DRIVE (TE16)

SIZE CODE
DUA

NUMBER
TE16-000

REV.
B

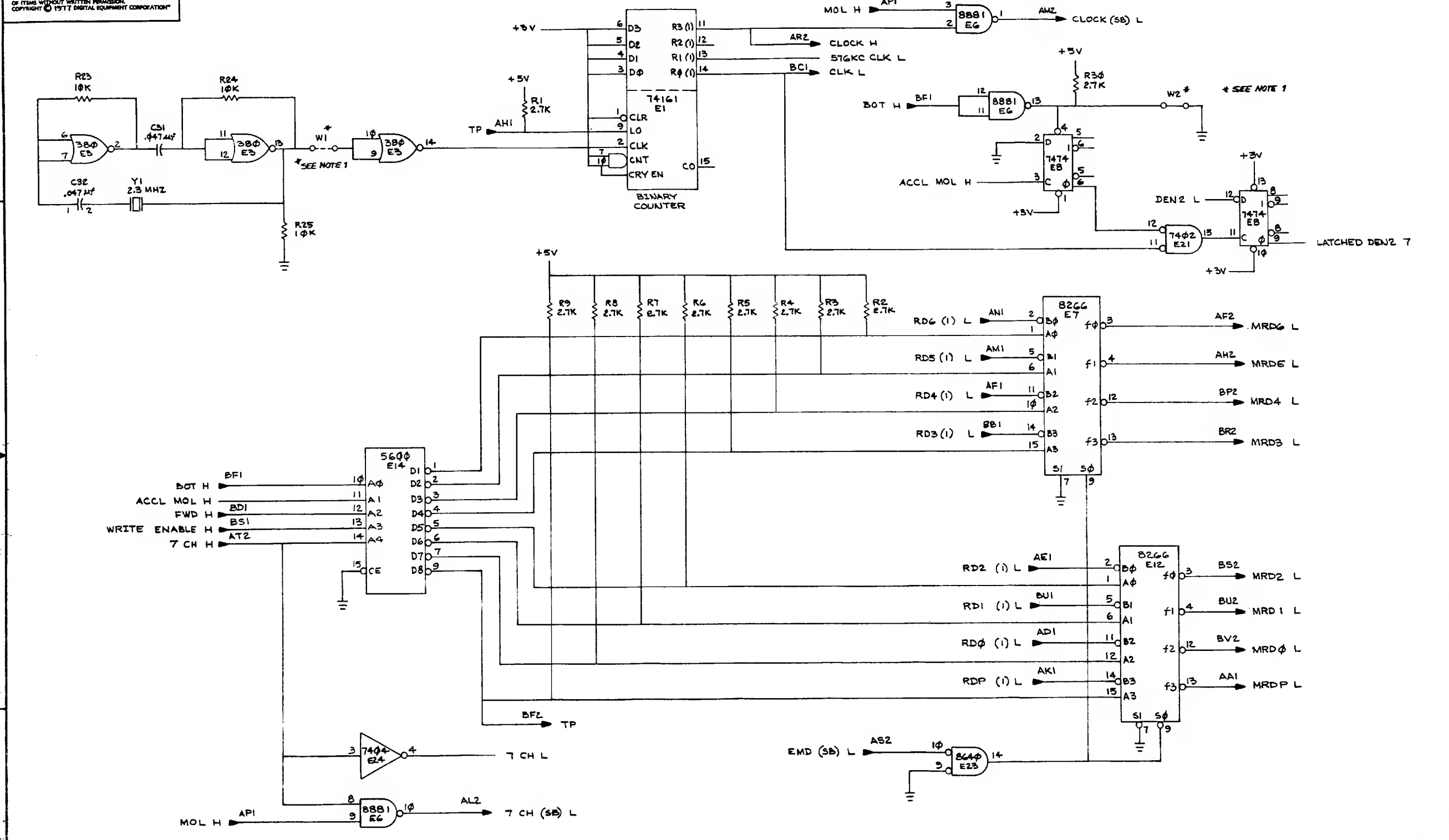


NOTES:
1. EXPLANATION OF JUMPERS:
W1&W3 - REMOVED ONLY FOR MODULE TEST ALWAYS IN PLACE FOR OPERATION.
W2 - REMOVED WHEN AUTO-DENSITY-SELECT OPTION IS DESIRED. NORMALLY REMOVED WHEN CONTROLLER IS AT 77103. NORMALLY LEFT IN PLACE FOR ALL OTHER CONTROLLERS.

DRN. 3-21-77	FIRST USED ON	TEIG	digital
CHK'D 4/11/77	TITLE	SLAVE CLOCK AND MOTION DELAY	
ENG. 5-5-77	SCALE	D CS	
PROJ. ENG. 5-5-77	NUMBER	M8931-0-1	
PROD. 5/5/77	REV.	A	
NEXT HIGHER ASSY.	SIZE	B-DD-M8931-0	
SCALE	OF 3	SHEET	

REV.	1
CHANGE NO.	00001
DATE	5-9-78
BY	H. DEAB
CHK	H. DEAB

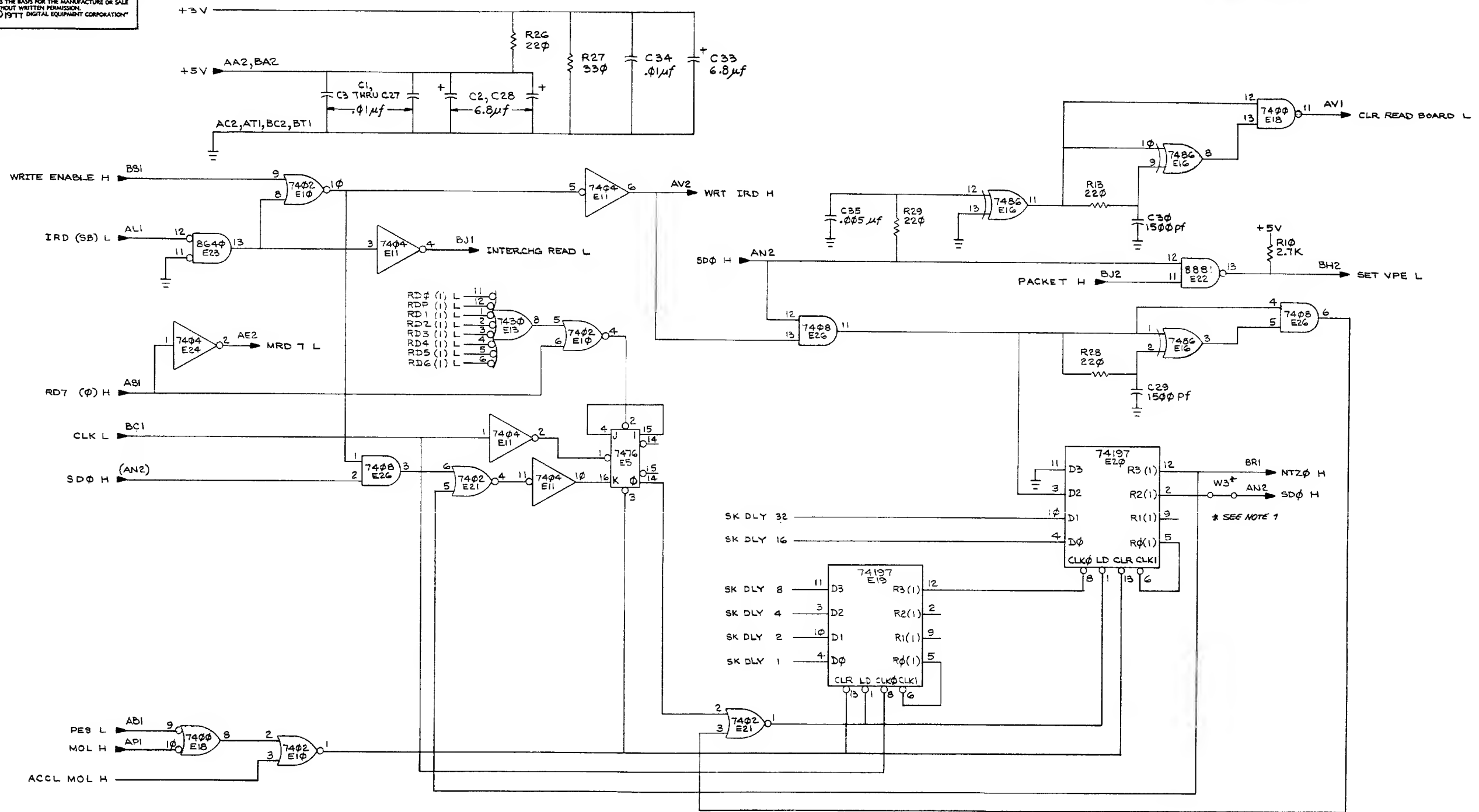
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REVISIONS		
CHK	CHANGE NO.	REV.

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1-0-1068W DCS 2



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE SLAVE CLOCK AND MOTION DELAY
 SCALE 1/8"=1"
 SHEET 3 OF 3
 SIZE CODE DCS
 NUMBER M8931-0-1
 REV. A